

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039325.D
 Acq On : 22 Jun 2022 18:18
 Operator : SY/AP
 Sample : N3214-13 LOD 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 23 07:29:11 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 07:29:11 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.668	49	1159722	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3345876	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	3087144	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2362962	9.258	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.054	85	128552m	0.631	ppbv	
3) Chlorodifluoromethane	2.993	51	70200m	0.476	ppbv	
4) Chloromethane	3.144	50	37047	0.489	ppbv	97
5) Vinyl Chloride	3.259	62	35654m	0.503	ppbv	
6) Bromomethane	3.478	94	18249	0.524	ppbv #	74
7) Chloroethane	3.558	64	13677m	0.554	ppbv	
8) Dichlorotetrafluoroethane	3.192	85	96706m	0.519	ppbv	
9) Propene	3.015	41	32999	0.513	ppbv	90
10) Heptane	8.118	43	72382m	0.482	ppbv	
11) Trichlorofluoromethane	3.957	101	99354m	0.539	ppbv	
12) 1,1,2-Trichlorotrifluoro...	4.484	101	72922	0.598	ppbv	97
13) Ethanol	3.620	45	1717m	0.489	ppbv	
14) Bromoethene	3.745	108	27526m	0.502	ppbv	
15) Acetone	3.867	43	78016m	0.646	ppbv	
16) 1,3-Butadiene	3.330	39	32630	0.502	ppbv	93
17) tert-Butyl alcohol	4.304	59	51284	0.547	ppbv	100
18) 1,1-Dichloroethene	4.288	96	31350m	0.573	ppbv	
19) Isopropyl Alcohol	3.983	45	34711m	0.613	ppbv	
20) Methylene Chloride	4.346	84	36505	0.717	ppbv #	81
21) Allyl Chloride	4.417	41	50324m	0.618	ppbv	
22) trans-1,2-Dichloroethene	4.886	96	29704m	0.564	ppbv	
23) Vinyl Acetate	5.079	43	45777m	0.458	ppbv	
24) 1,1-Dichloroethane	5.012	63	63358	0.463	ppbv	97
25) Ethyl Acetate	5.687	43	123073	0.452	ppbv	96
26) Hexane	5.687	57	54566	0.456	ppbv #	83
27) Carbon Disulfide	4.555	76	51591	0.416	ppbv #	96
28) Methyl tert-Butyl Ether	5.047	73	59414	0.450	ppbv	97
29) Chloroform	5.751	83	92692	0.460	ppbv	92
30) Cyclohexane	7.131	84	46588	0.463	ppbv #	83
31) cis-1,2-Dichloroethene	5.546	61	58987m	0.483	ppbv	
32) 1,1,1-Trichloroethane	6.507	97	91233	0.463	ppbv	97
34) 2-Butanone	5.259	43	79630m	0.438	ppbv	
35) Carbon Tetrachloride	7.025	117	93446m	0.383	ppbv	
36) Benzene	6.890	78	120606	0.444	ppbv	94
37) 1,2-Dichloroethane	6.304	62	73816m	0.413	ppbv	
38) Trichloroethene	7.835	130	63452m	0.509	ppbv	
39) 1,2-Dichloropropane	7.616	63	49471m	0.458	ppbv	
40) 1,4-Dioxane	7.873	88	19371m	0.545	ppbv	
41) Tetrahydrofuran	6.076	42	44211m	0.404	ppbv	
42) Bromodichloromethane	7.787	83	94414m	0.381	ppbv	
43) Methyl Methacrylate	8.021	69	41006m	0.388	ppbv	
44) 2,2,4-Trimethylpentane	7.870	57	199684	0.420	ppbv	93
45) t-1,3-Dichloropropene	9.272	75	31190m	0.283	ppbv	

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Quant Time: Jun 23 07:29:11 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 07:29:11 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.703	75	45462m	0.312	ppbv	
47) 1,1,2-Trichloroethane	9.475	97	52617m	0.467	ppbv	
48) Dibromochloromethane	10.301	129	66695m	0.331	ppbv	
49) Bromoform	13.034	173	52134m	0.311	ppbv	
50) 4-Methyl-2-Pentanone	8.754	43	110652m	0.407	ppbv	
51) 2-Hexanone	10.153	43	72311m	0.342	ppbv	
52) Tetrachloroethene	11.217	164	45718	0.431	ppbv	92
53) Toluene	9.806	91	128670m	0.411	ppbv	
54) 1,2-Dibromoethane	10.610	107	64376m	0.425	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.118	131	61250	0.419	ppbv #	1
57) Chlorobenzene	12.140	112	115136	0.496	ppbv #	89
58) Ethyl Benzene	12.709	91	168025	0.395	ppbv	93
59) m/p-Xylene	12.986	91	319682m	0.854	ppbv	
60) o-Xylene	13.687	91	150750	0.428	ppbv	100
61) Styrene	13.526	104	67298m	0.357	ppbv	
62) Isopropylbenzene	14.661	105	233406	0.446	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.674	83	79068	0.400	ppbv #	93
64) n-propylbenzene	15.555	120	54471m	0.424	ppbv	
65) tert-Butylbenzene	16.738	119	208151	0.435	ppbv	97
66) Benzyl Chloride	16.982	91	19356m	0.311	ppbv	
67) sec-Butylbenzene	17.285	105	282224	0.433	ppbv	99
69) p-Isopropyltoluene	17.648	119	226505	0.411	ppbv	97
70) n-Butylbenzene	18.551	91	212661	0.376	ppbv	97
71) 2-Chlorotoluene	15.445	91	159008	0.399	ppbv	96
72) 4-Ethyltoluene	15.831	105	160893	0.390	ppbv	98
73) 1,3,5-Trimethylbenzene	15.999	105	164735m	0.443	ppbv	
74) 1,2,4-Trimethylbenzene	16.754	105	179364	0.432	ppbv #	95
75) 1,3-Dichlorobenzene	16.989	146	107436	0.457	ppbv	97
76) 1,4-Dichlorobenzene	17.137	146	106826m	0.456	ppbv	
77) 1,2-Dichlorobenzene	17.809	146	104317m	0.441	ppbv	
78) Hexachloro-1,3-Butadiene	23.368	225	99294	0.459	ppbv	98
79) Naphthalene	22.191	128	102781m	0.322	ppbv	
80) Naphthalene,2-methyl-	24.979	142	14571m	0.123	ppbv	
81) 1,2,4-Trichlorobenzene	21.921	180	70617m	0.349	ppbv	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

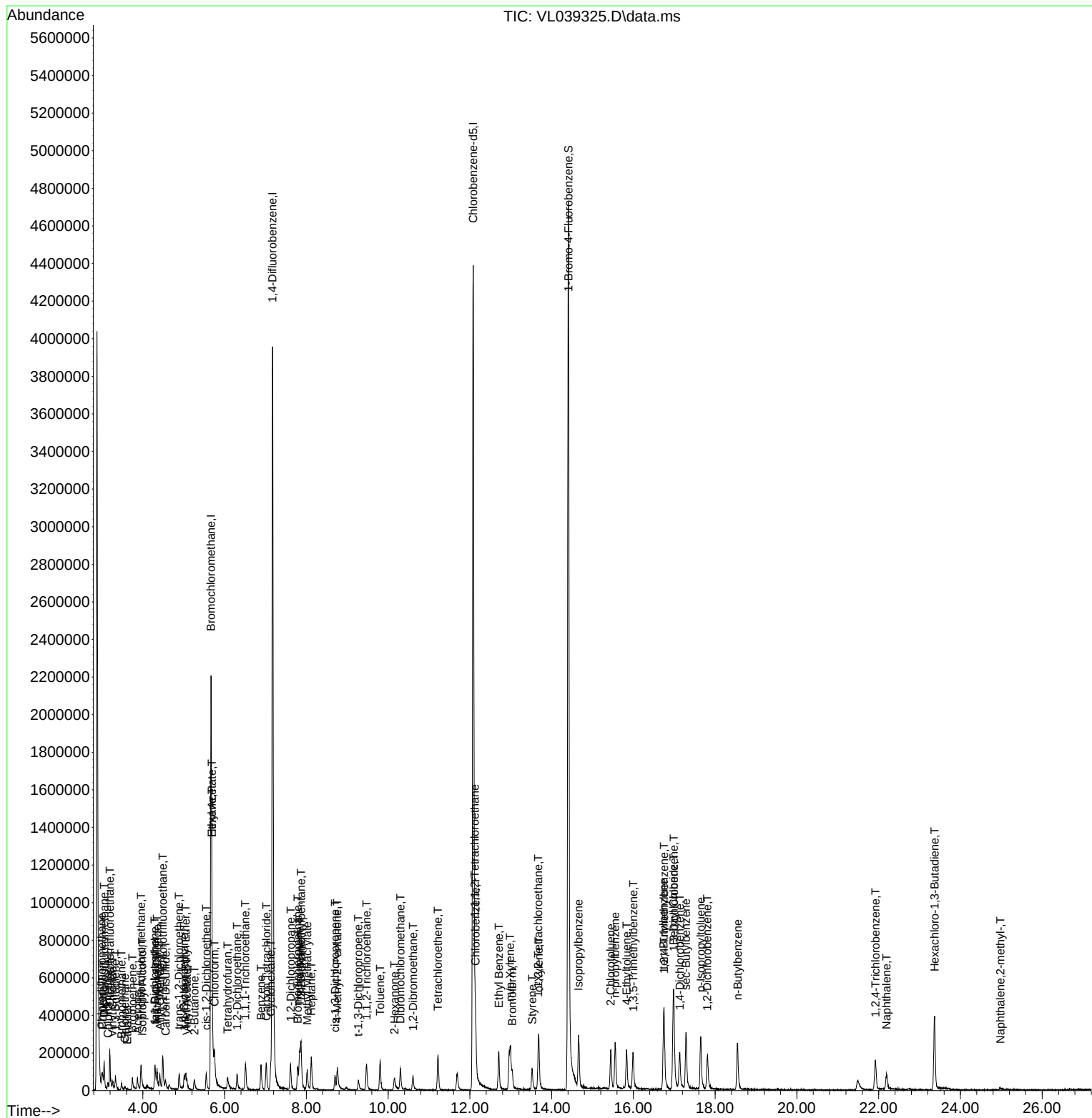
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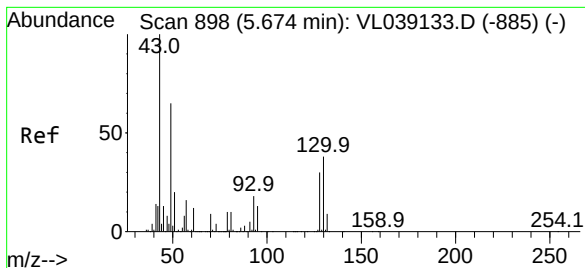
Instrument :
MSVOA_L
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QLast Update : Wed Jun 01 01:22:18 2022
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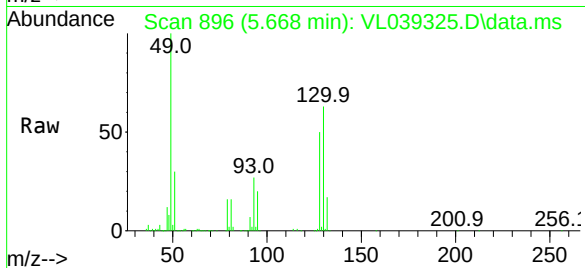
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 89
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

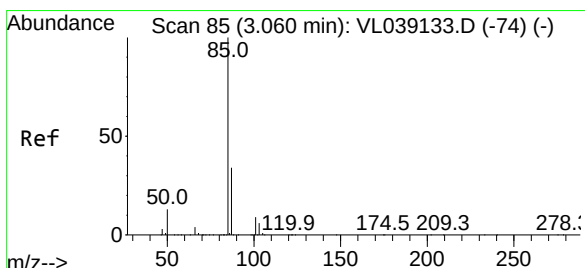
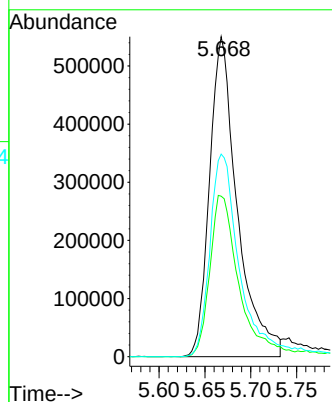
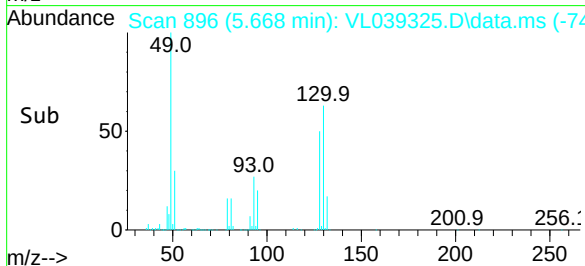
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 49 Resp: 115972
Ion Ratio Lower Upper
49 100
128 55.7 24.7 74.1
130 71.5 31.4 94.0

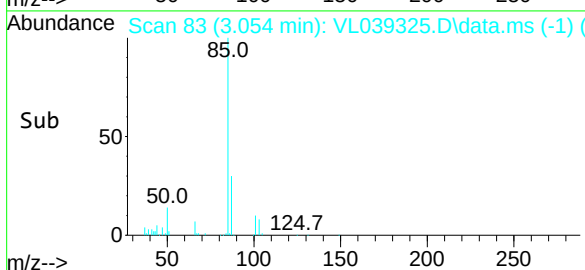
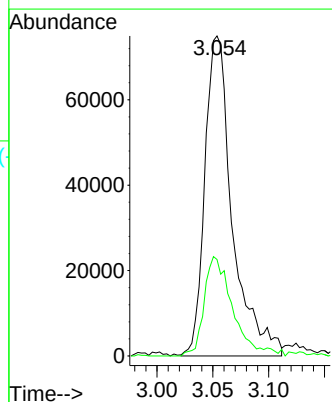
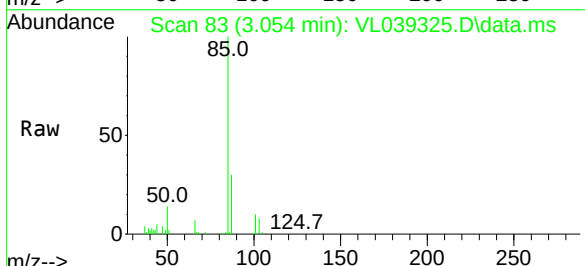
Manual Integrations
APPROVED

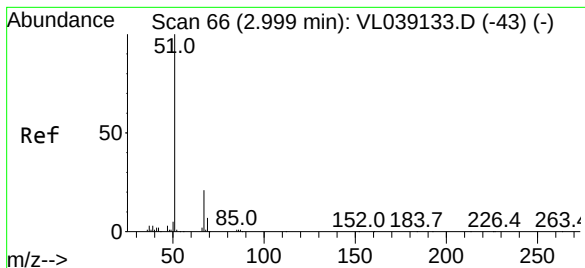
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 0.631 ppbv m
RT: 3.054 min Scan# 83
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

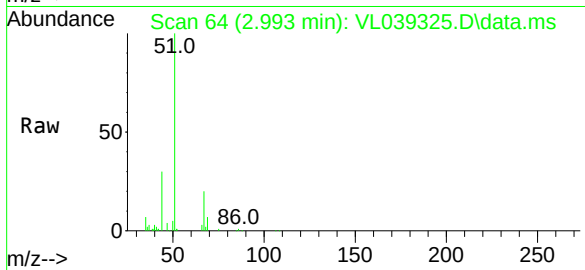
Tgt Ion: 85 Resp: 128552
Ion Ratio Lower Upper
85 100
87 30.2 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.476 ppbv m
RT: 2.993 min Scan# 64
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

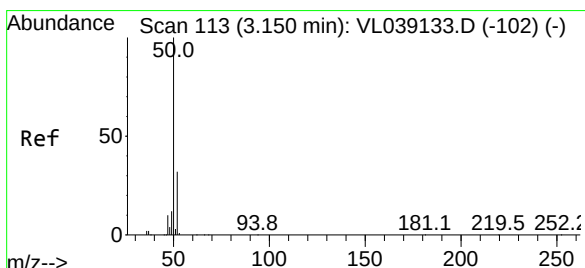
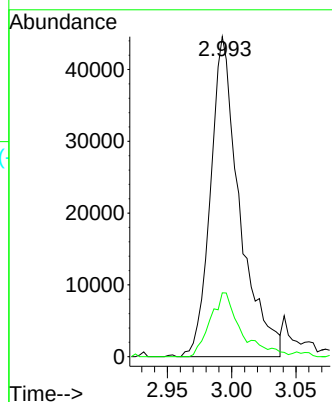
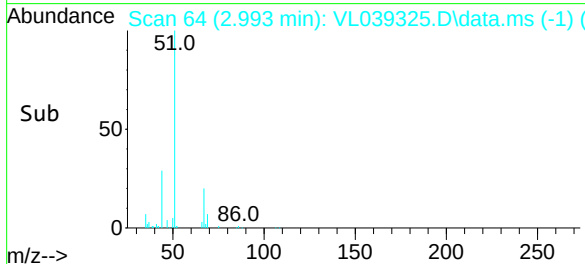
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 51 Resp: 70200
Ion Ratio Lower Upper
51 100
67 22.5 16.2 24.4

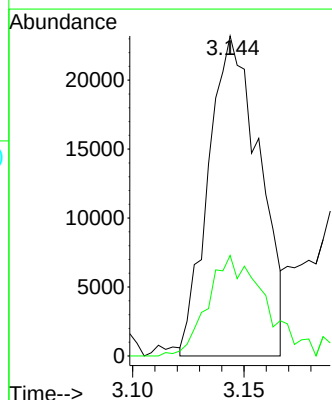
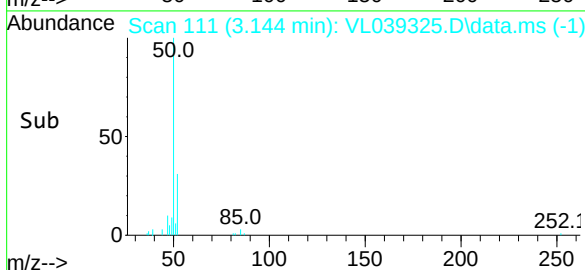
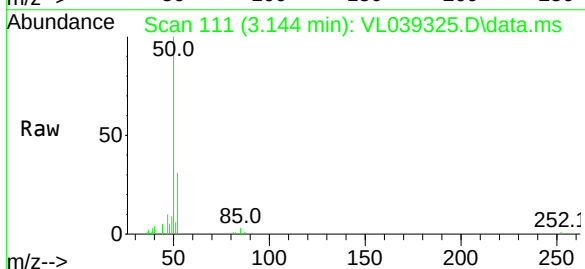
Manual Integrations
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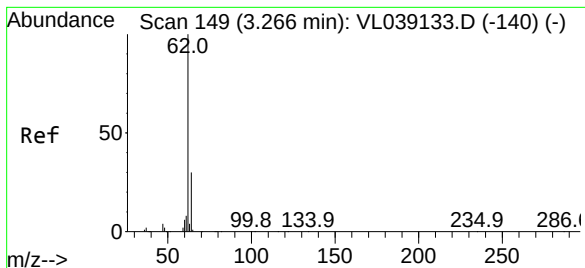
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Chloromethane
Concen: 0.489 ppbv
RT: 3.144 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

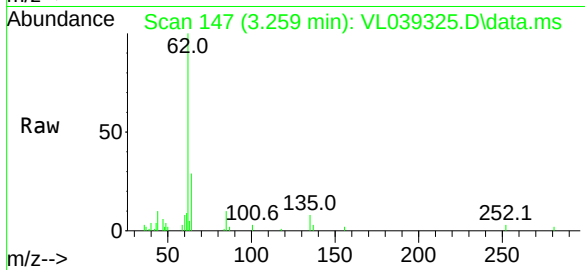
Tgt Ion: 50 Resp: 37047
Ion Ratio Lower Upper
50 100
52 30.6 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.503 ppbv m
 RT: 3.259 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18

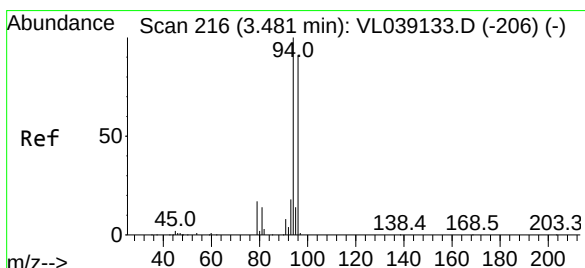
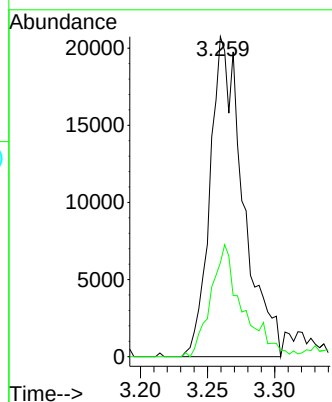
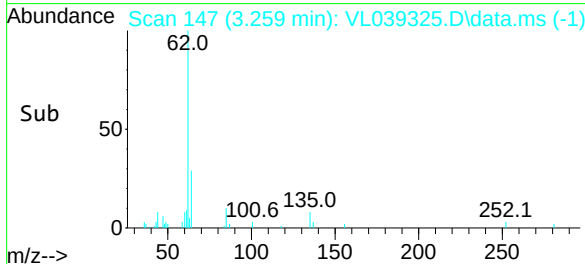
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



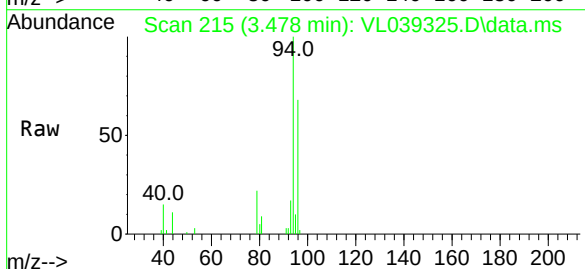
Tgt Ion: 62 Resp: 35654
 Ion Ratio Lower Upper
 62 100
 64 29.4 24.2 36.2

Manual Integrations
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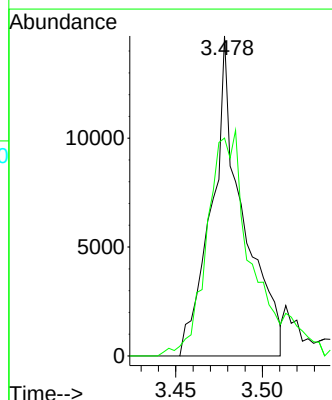
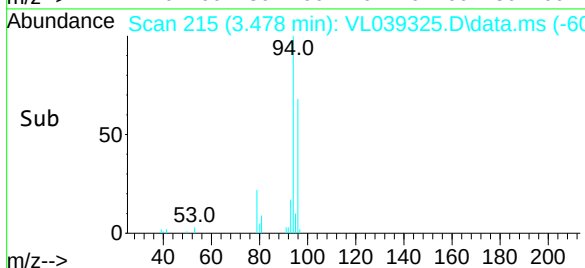
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

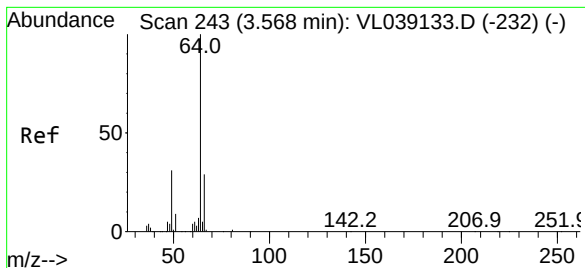


#6
 Bromomethane
 Concen: 0.524 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. -0.003 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18



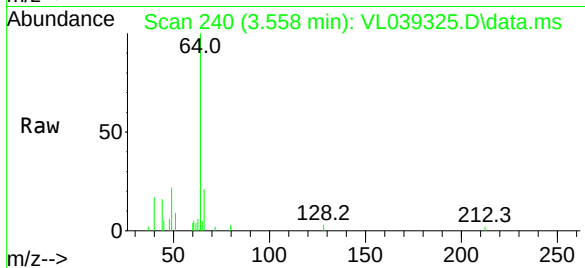
Tgt Ion: 94 Resp: 18249
 Ion Ratio Lower Upper
 94 100
 96 66.6 73.0 109.4#





#7
Chloroethane
Concen: 0.554 ppbv m
RT: 3.558 min Scan# 243
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

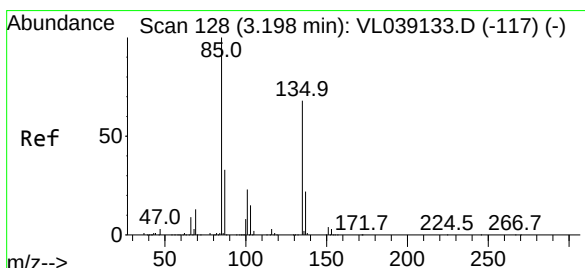
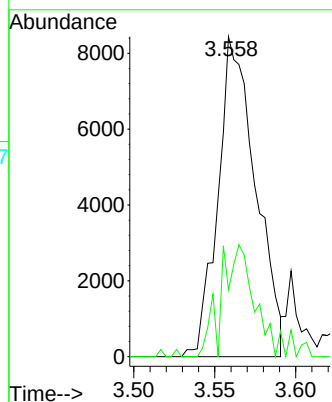
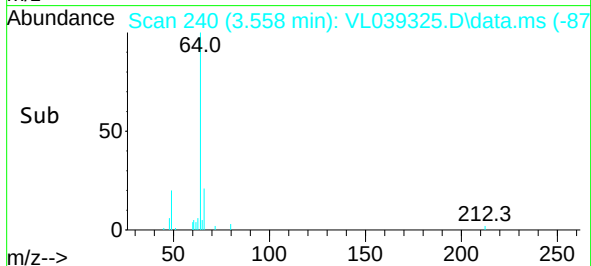
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 64 Resp: 1367
Ion Ratio Lower Upper
64 100
66 21.0 23.6 35.4

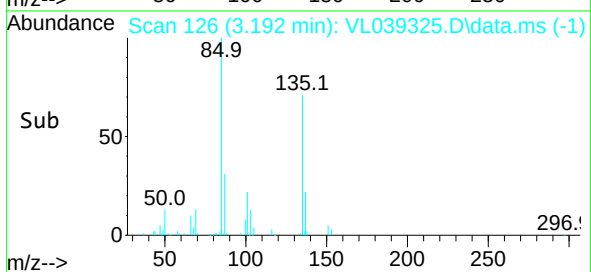
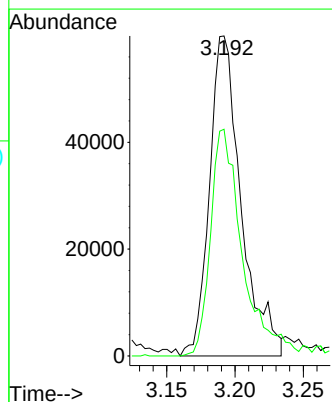
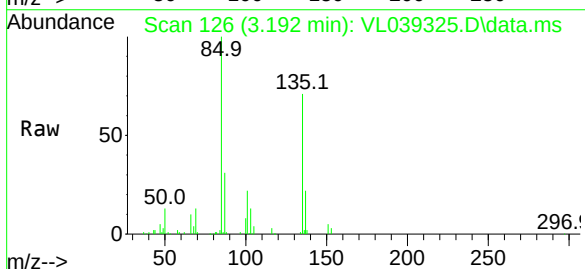
Manual Integrations
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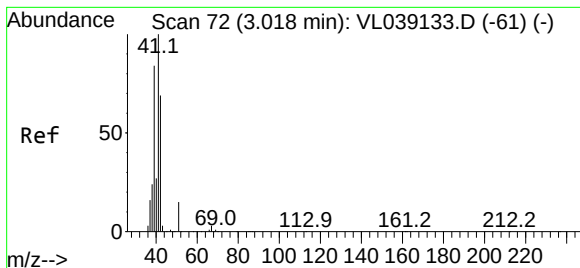
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Dichlorotetrafluoroethane
Concen: 0.519 ppbv m
RT: 3.192 min Scan# 126
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

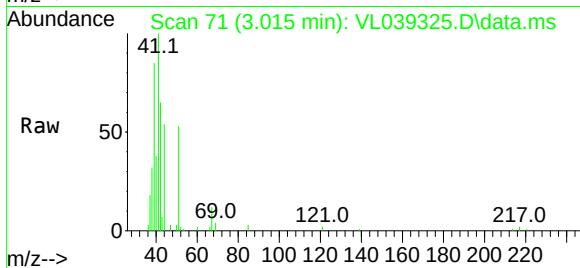
Tgt Ion: 85 Resp: 96706
Ion Ratio Lower Upper
85 100
135 74.6 55.0 82.4





#9
 Propene
 Concen: 0.513 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18

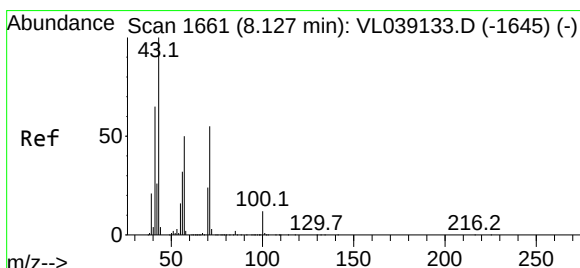
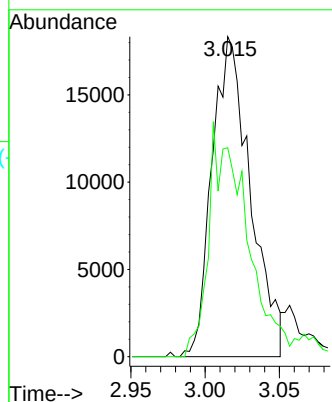
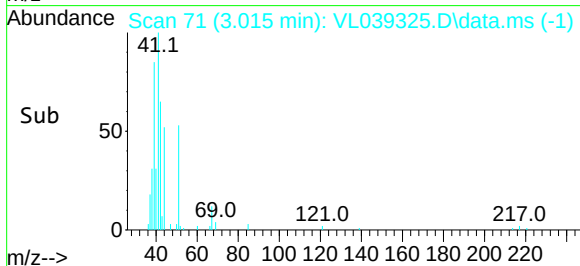
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Tgt Ion: 41 Resp: 3299
 Ion Ratio Lower Upper
 41 100
 42 77.2 55.4 83.2

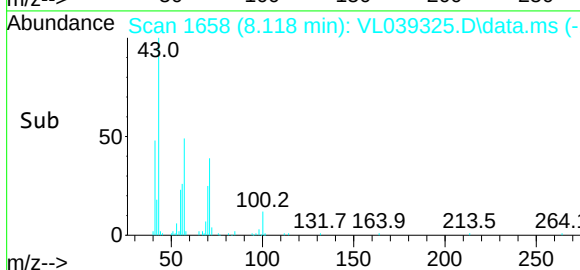
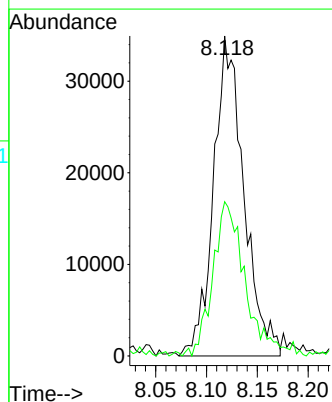
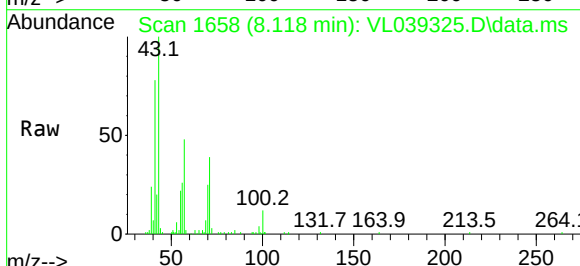
Manual Integrations
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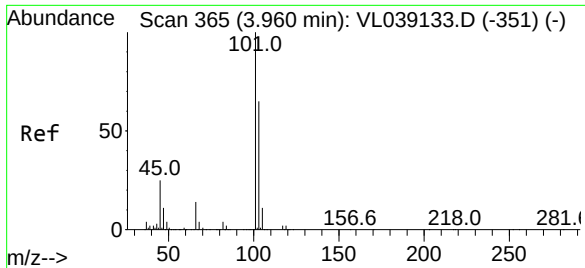
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#10
 Heptane
 Concen: 0.482 ppbv m
 RT: 8.118 min Scan# 1658
 Delta R.T. -0.010 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18

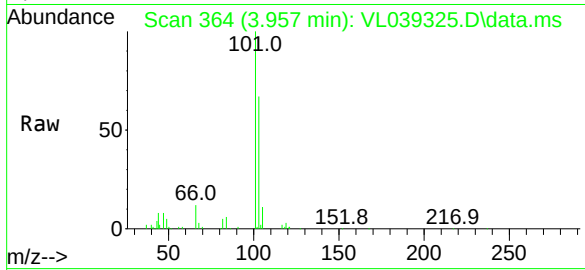
Tgt Ion: 43 Resp: 72382
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.539 ppbv m
RT: 3.957 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

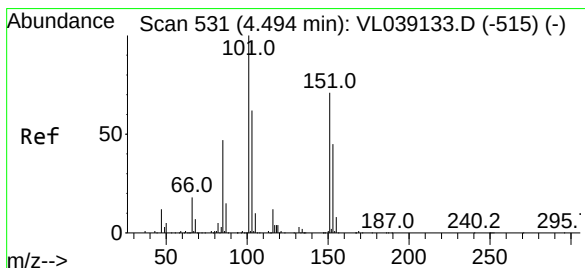
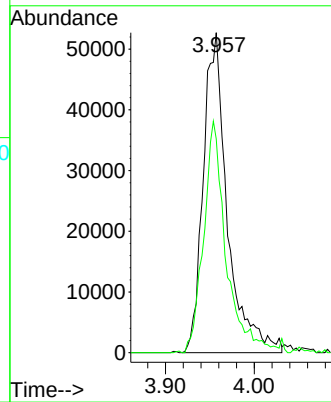
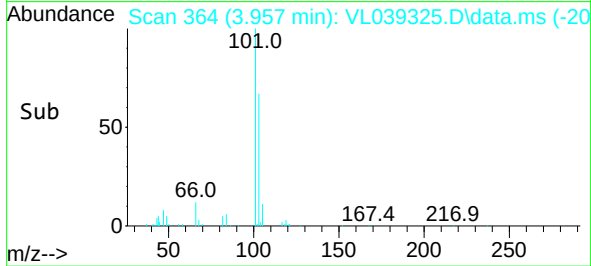
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion:101 Resp: 99354
Ion Ratio Lower Upper
101 100
103 66.8 51.7 77.5

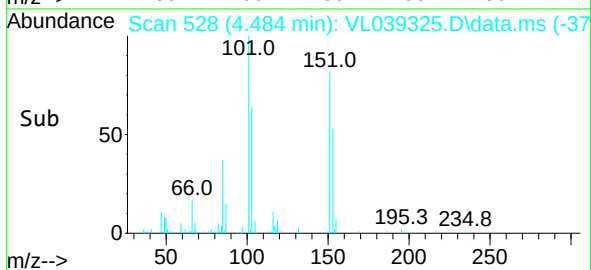
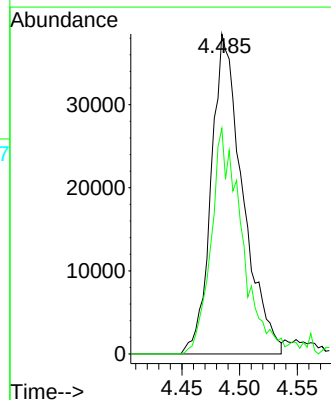
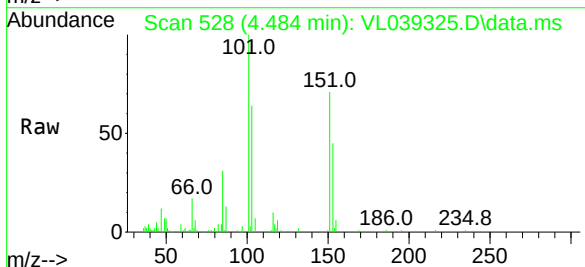
Manual Integrations
APPROVED

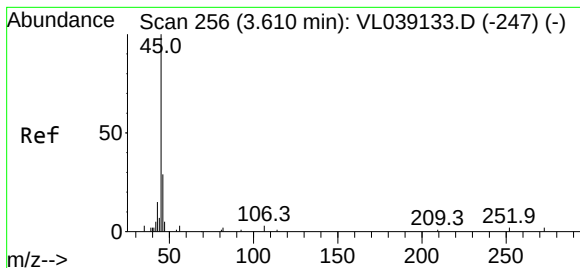
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.598 ppbv
RT: 4.484 min Scan# 528
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:101 Resp: 72922
Ion Ratio Lower Upper
101 100
151 71.7 59.4 89.0





#13

Ethanol

Concen: 0.489 ppbv m

RT: 3.620 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 45 Resp: 171

Ion Ratio Lower Upper

45 100

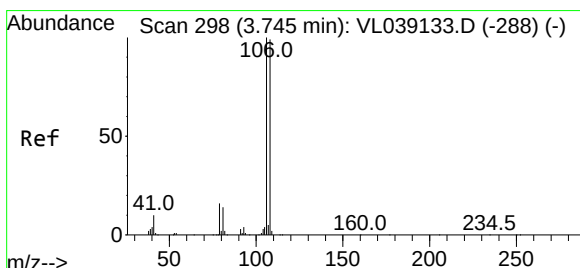
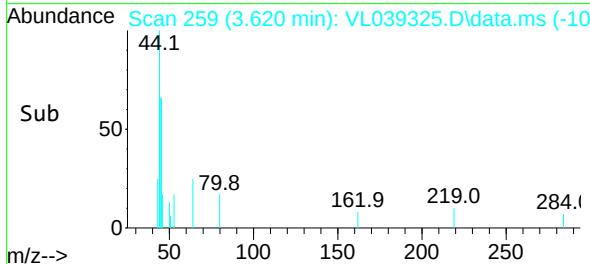
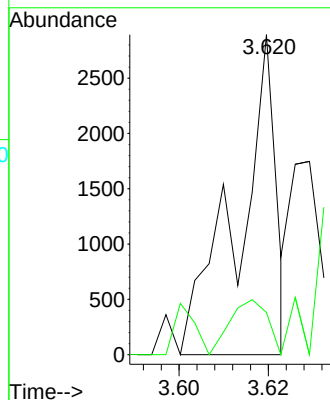
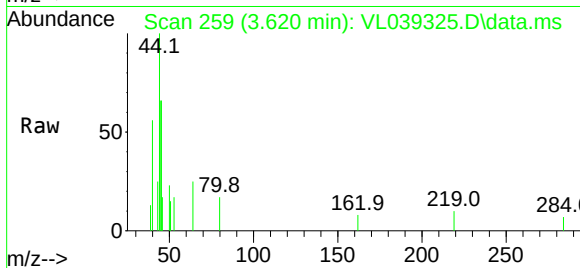
46 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#14

Bromoethene

Concen: 0.502 ppbv m

RT: 3.745 min Scan# 298

Delta R.T. 0.000 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

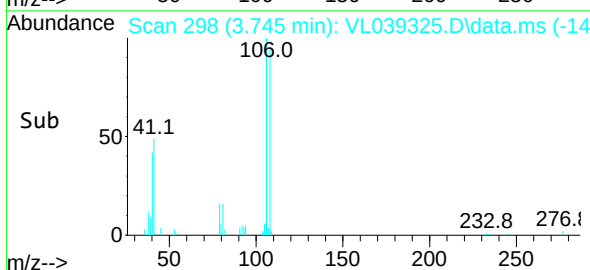
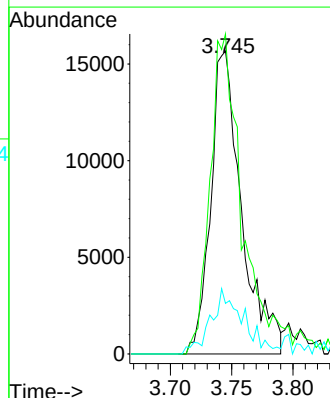
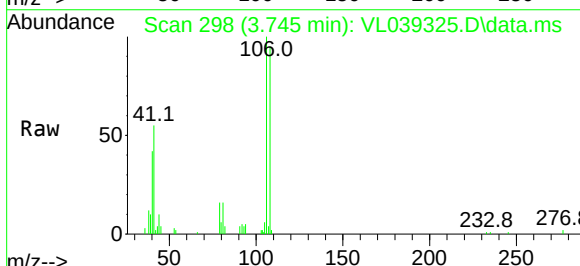
Tgt Ion:108 Resp: 27526

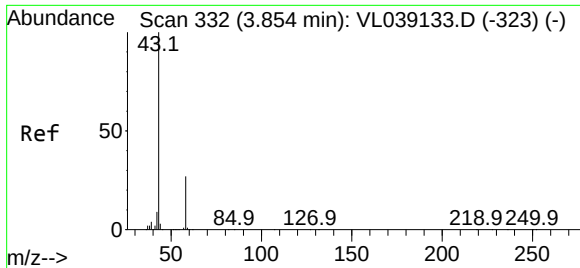
Ion Ratio Lower Upper

108 100

106 117.1 88.4 132.6

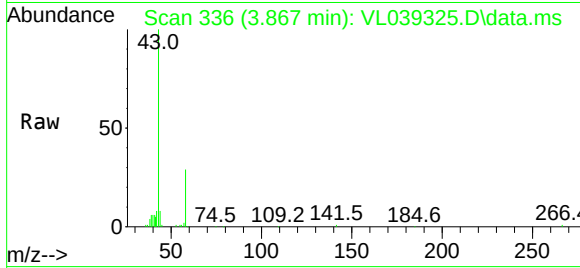
79 23.9 13.4 20.2#





#15
Acetone
Concen: 0.646 ppbv m
RT: 3.867 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

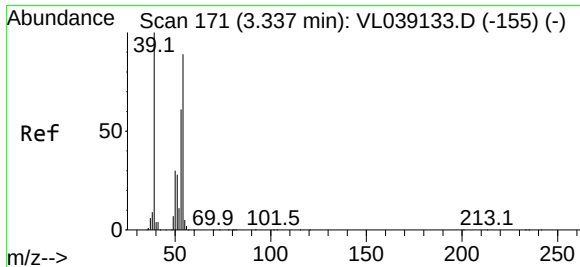
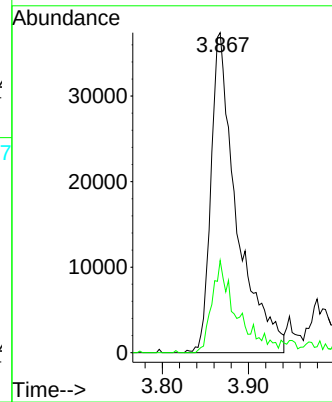
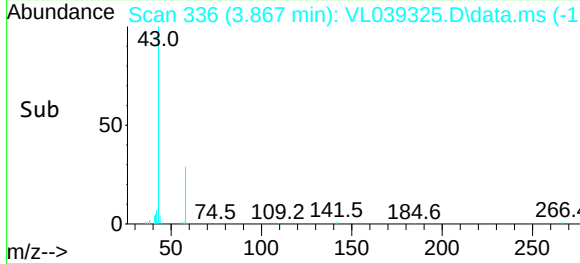
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 78010
Ion Ratio Lower Upper
43 100
58 33.4 22.5 33.7

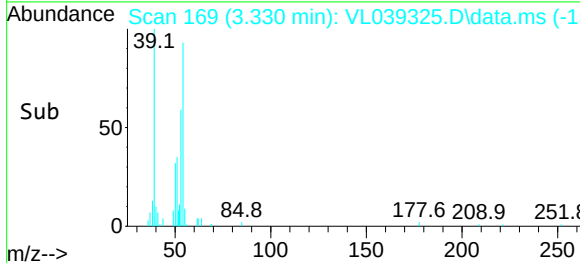
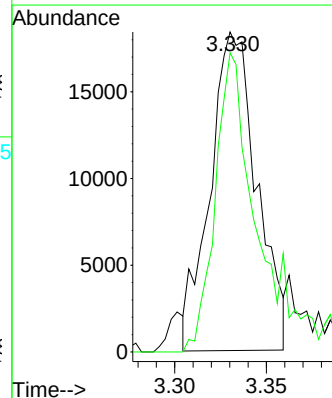
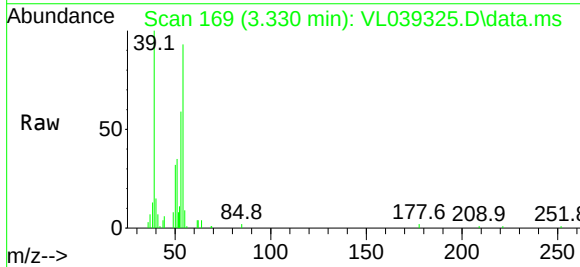
Manual Integrations
APPROVED

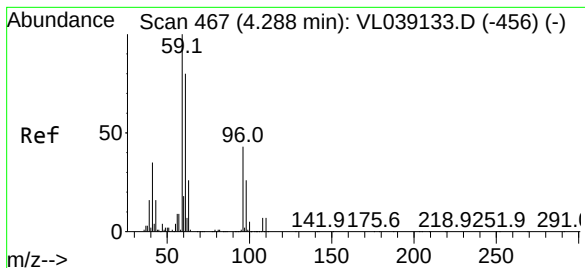
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
1,3-Butadiene
Concen: 0.502 ppbv
RT: 3.330 min Scan# 169
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 39 Resp: 32630
Ion Ratio Lower Upper
39 100
54 88.6 65.8 98.6





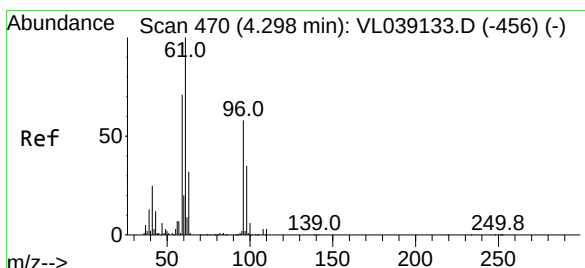
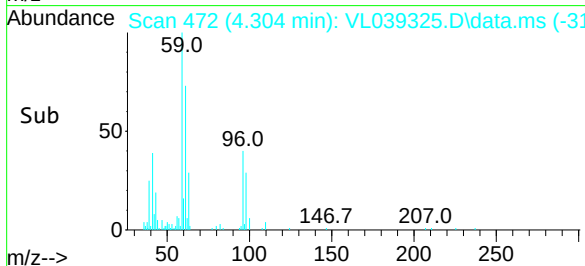
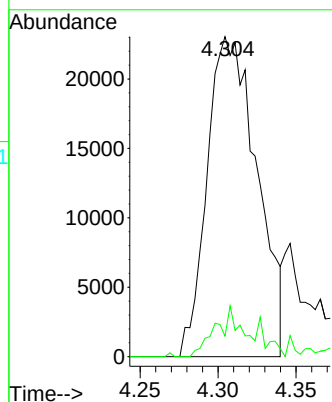
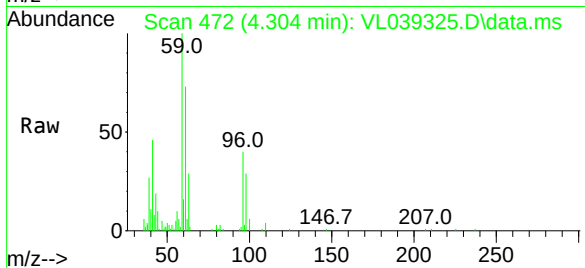
#17
tert-Butyl alcohol
Concen: 0.547 ppbv
RT: 4.304 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 59 Resp: 51284
Ion Ratio Lower Upper
59 100
57 11.5 9.1 13.7

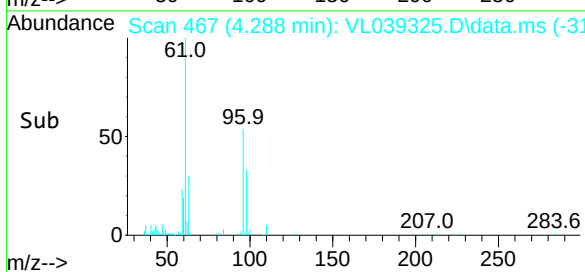
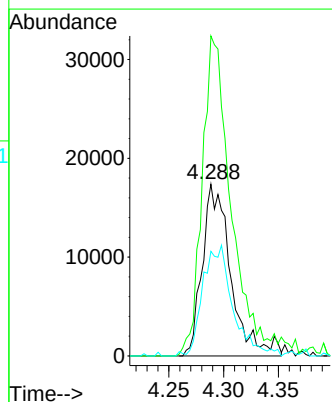
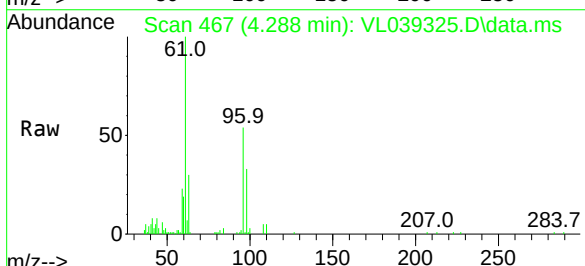
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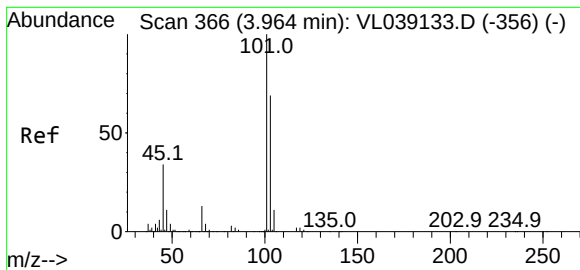
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
1,1-Dichloroethene
Concen: 0.573 ppbv m
RT: 4.288 min Scan# 467
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

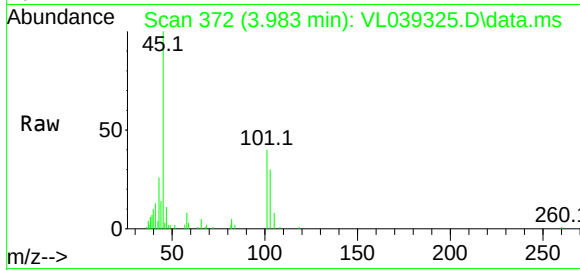
Tgt Ion: 96 Resp: 31350
Ion Ratio Lower Upper
96 100
61 186.4 138.4 207.6
98 61.0 47.8 71.8





#19
Isopropyl Alcohol
Concen: 0.613 ppbv m
RT: 3.983 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

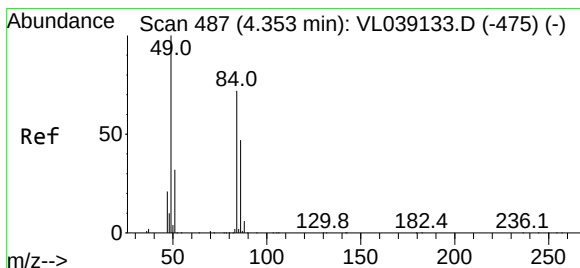
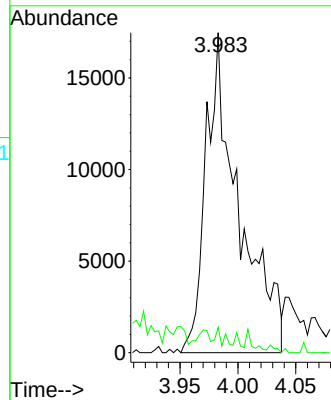
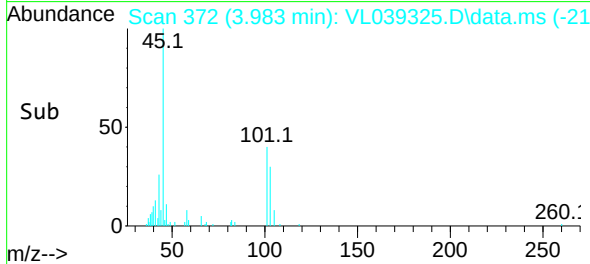
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 45 Resp: 3471
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

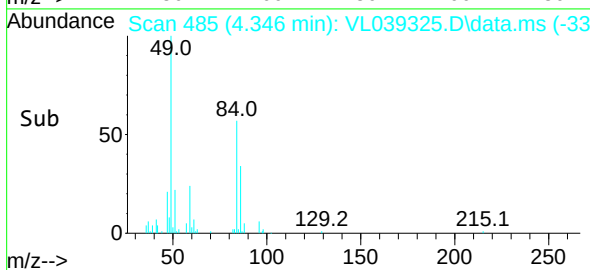
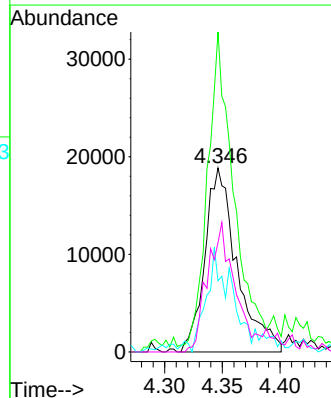
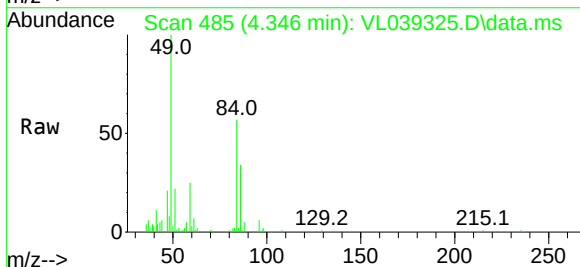
Manual Integrations
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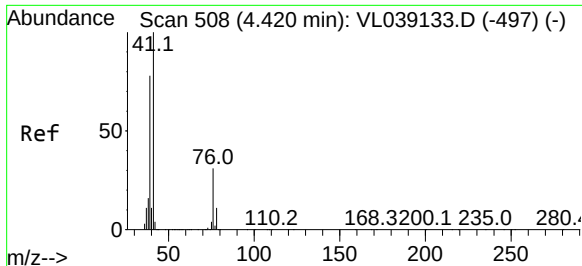
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Methylene Chloride
Concen: 0.717 ppbv
RT: 4.346 min Scan# 485
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

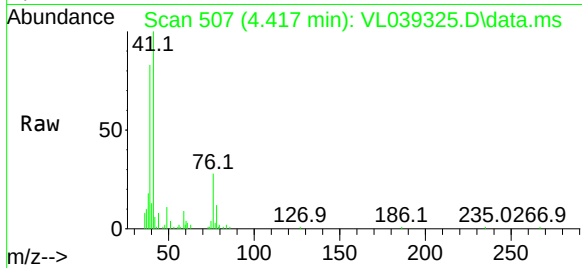
Tgt Ion: 84 Resp: 36505
Ion Ratio Lower Upper
84 100
49 170.1 111.1 166.7#
51 32.7 35.3 52.9#
86 59.4 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.618 ppbv m
 RT: 4.417 min Scan# 508
 Delta R.T. -0.003 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18

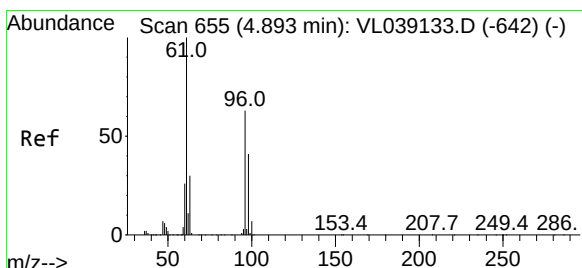
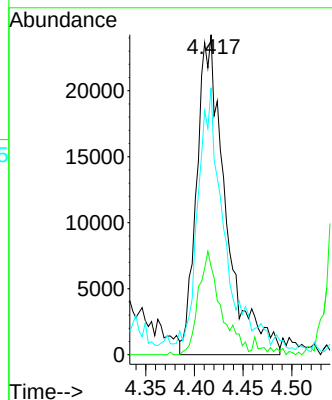
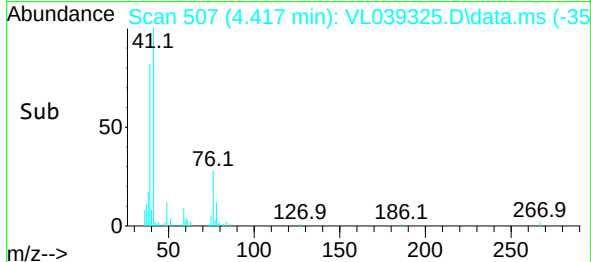
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 41 Resp: 50324
 Ion Ratio Lower Upper
 41 100
 76 27.2 24.2 36.2
 39 78.4 62.2 93.2

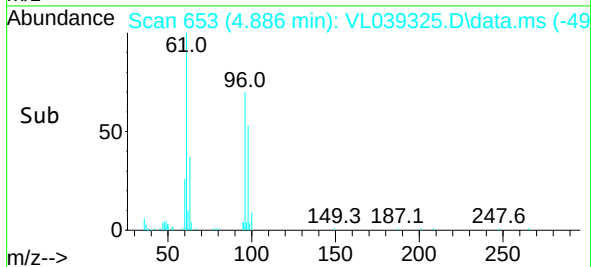
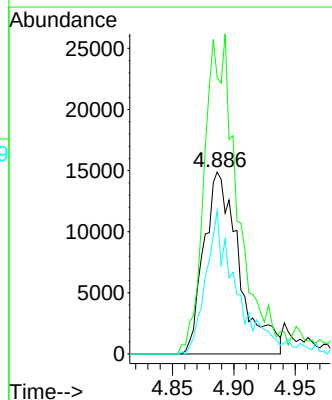
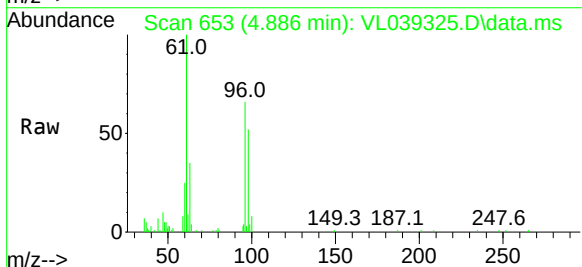
Manual Integrations
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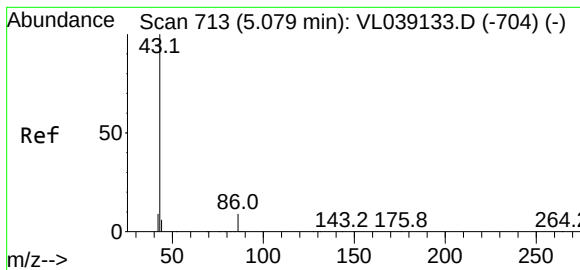
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.564 ppbv m
 RT: 4.886 min Scan# 653
 Delta R.T. -0.006 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18

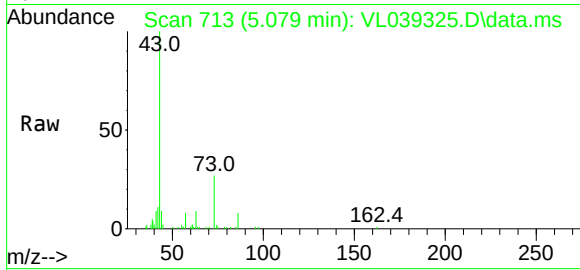
Tgt Ion: 96 Resp: 29704
 Ion Ratio Lower Upper
 96 100
 61 151.9 126.6 190.0
 98 78.5 52.5 78.7





#23
 Vinyl Acetate
 Concen: 0.458 ppbv m
 RT: 5.079 min Scan# 713
 Delta R.T. 0.000 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18

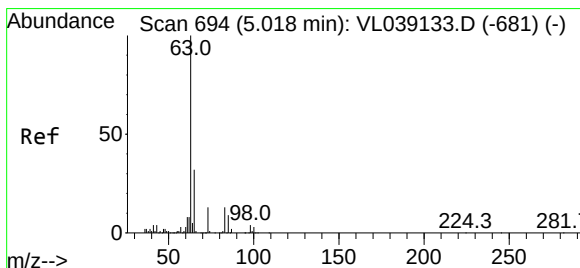
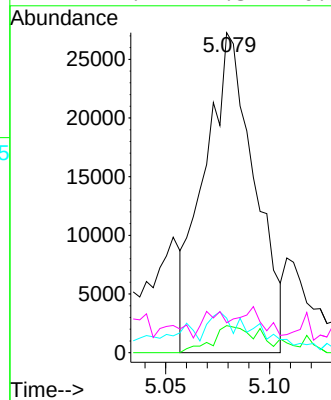
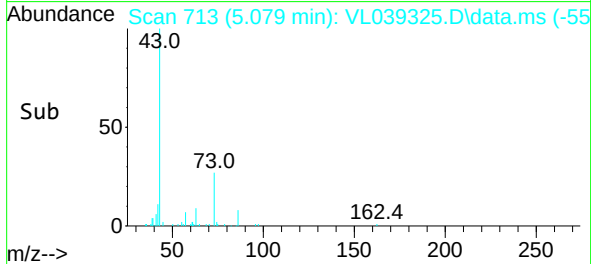
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 4577
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.0 9.0
 42 10.8 8.2 12.4
 44 9.4 4.3 6.5#

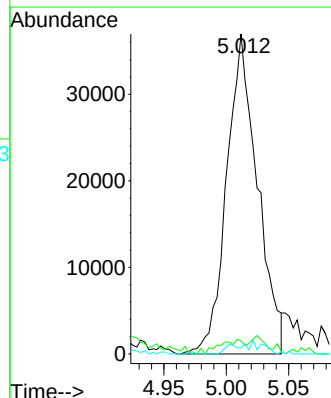
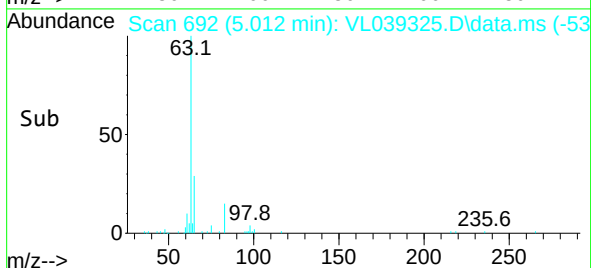
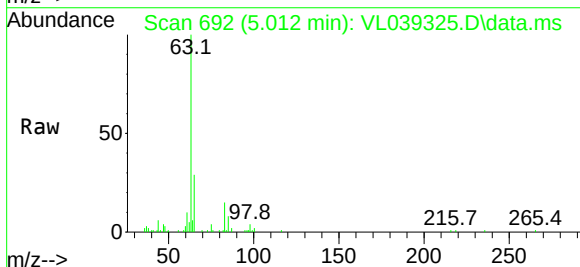
Manual Integrations
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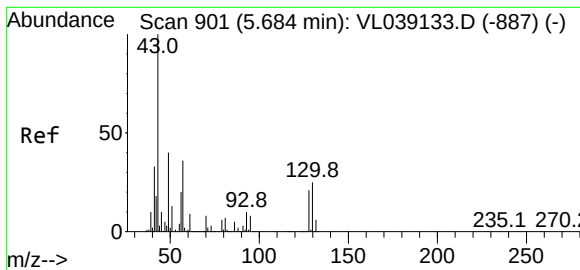
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#24
 1,1-Dichloroethane
 Concen: 0.463 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18

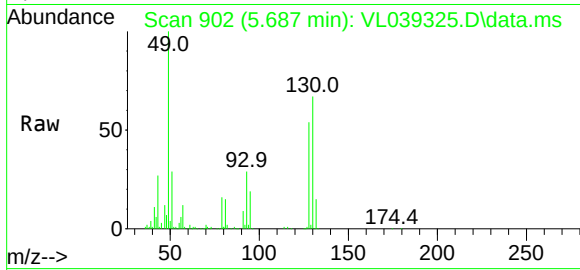
Tgt Ion: 63 Resp: 63358
 Ion Ratio Lower Upper
 63 100
 98 3.2 2.1 6.2
 100 1.9 1.5 4.5





#25
Ethyl Acetate
Concen: 0.452 ppbv
RT: 5.687 min Scan# 901
Delta R.T. 0.003 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

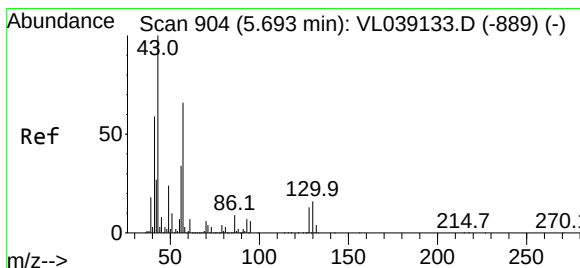
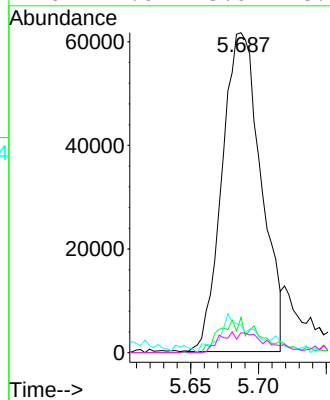
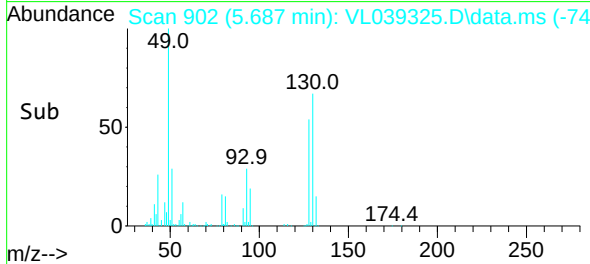
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 123073
Ion Ratio Lower Upper
43 100
45 11.9 8.2 12.2
61 12.5 8.4 12.6
70 7.6 5.6 8.4

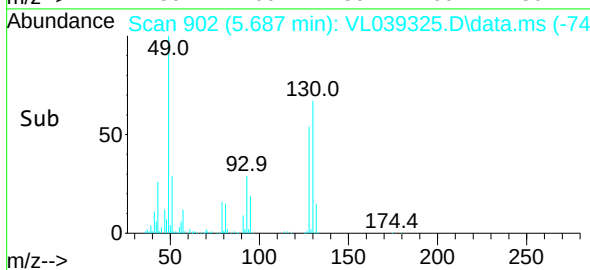
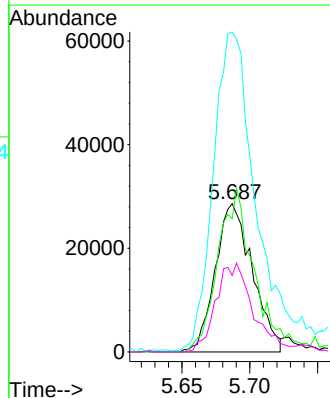
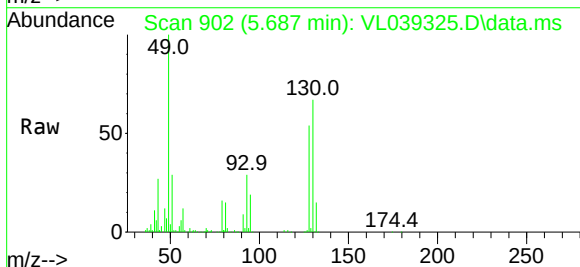
Manual Integrations
APPROVED

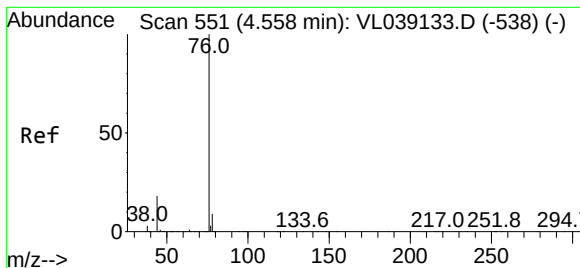
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Hexane
Concen: 0.456 ppbv
RT: 5.687 min Scan# 902
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

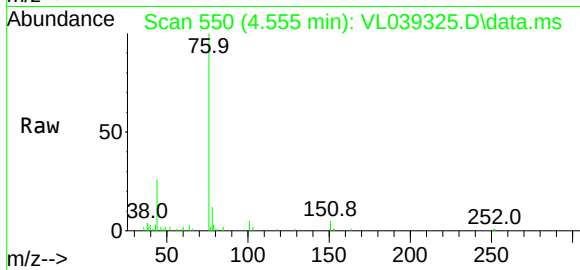
Tgt Ion: 57 Resp: 54566
Ion Ratio Lower Upper
57 100
41 113.2 72.4 108.6#
43 259.8 187.0 280.6
56 62.2 41.8 62.6





#27
Carbon Disulfide
Concen: 0.416 ppbv
RT: 4.555 min Scan# 5159
Delta R.T. -0.003 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

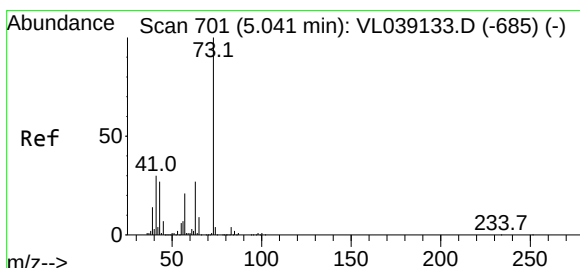
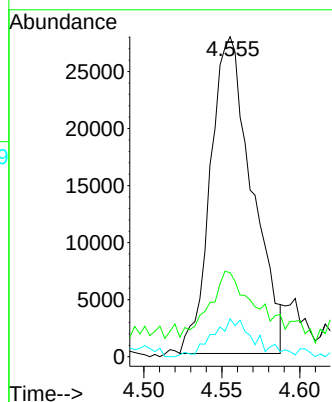
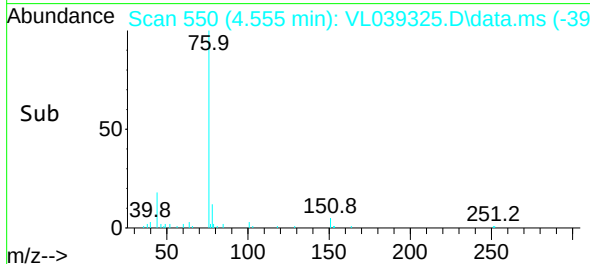
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 76 Resp: 5159
Ion Ratio Lower Upper
76 100
44 18.6 14.4 21.6
78 13.2 7.7 11.5

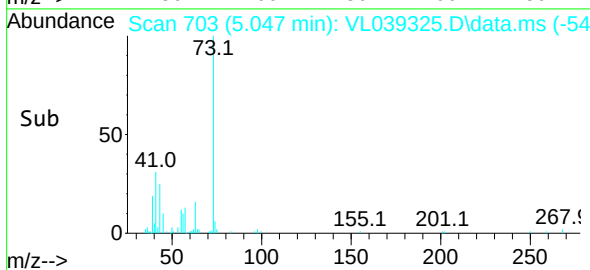
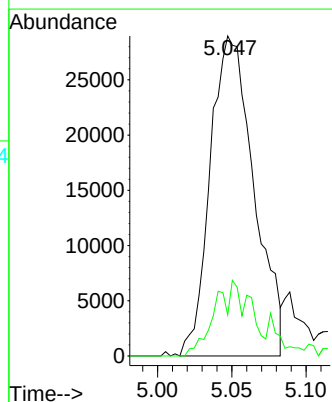
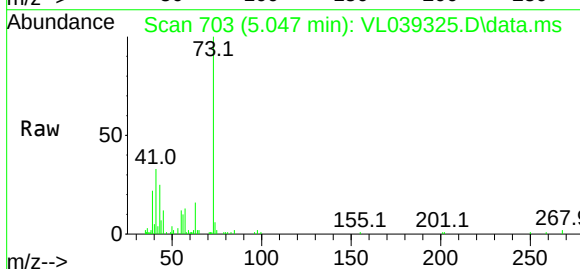
Manual Integrations
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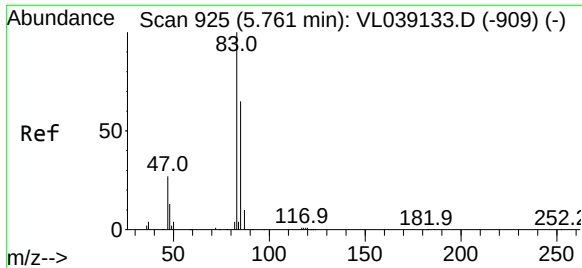
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#28
Methyl tert-Butyl Ether
Concen: 0.450 ppbv
RT: 5.047 min Scan# 703
Delta R.T. 0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

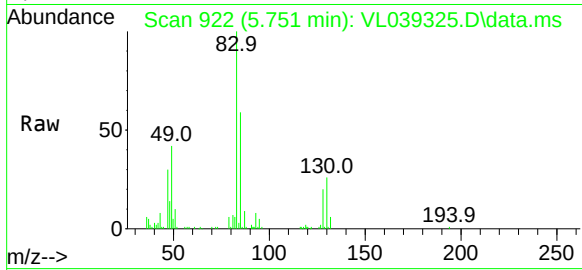
Tgt Ion: 73 Resp: 59414
Ion Ratio Lower Upper
73 100
57 24.4 18.6 27.8





#29
Chloroform
Concen: 0.460 ppbv
RT: 5.751 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

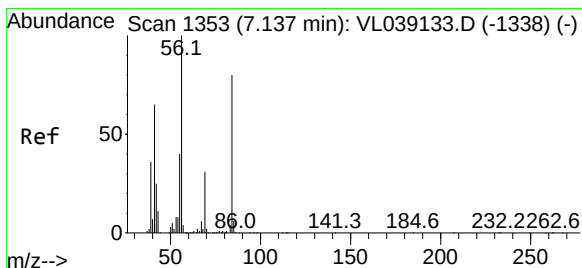
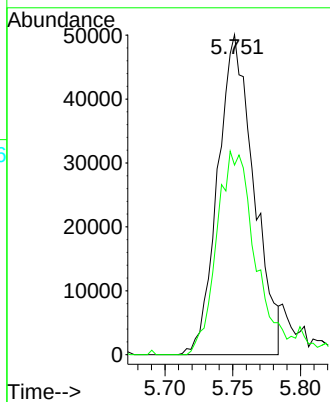
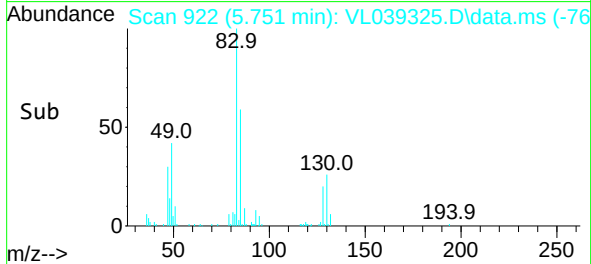
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



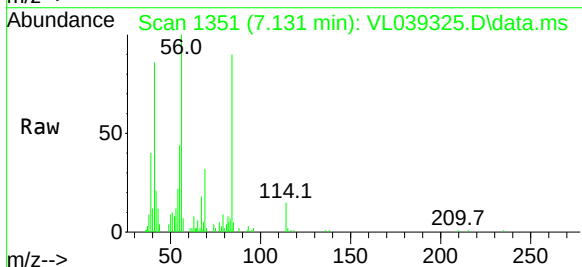
Tgt Ion: 83 Resp: 92692
Ion Ratio Lower Upper
83 100
85 59.2 52.4 78.6

Manual Integrations
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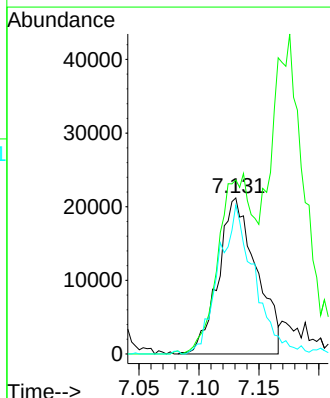
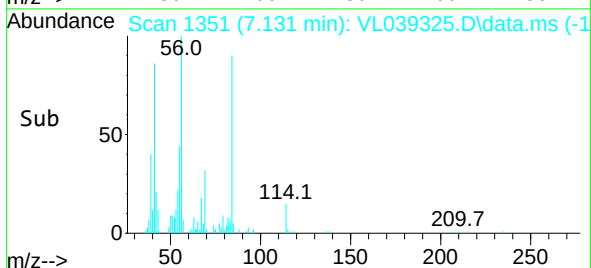
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

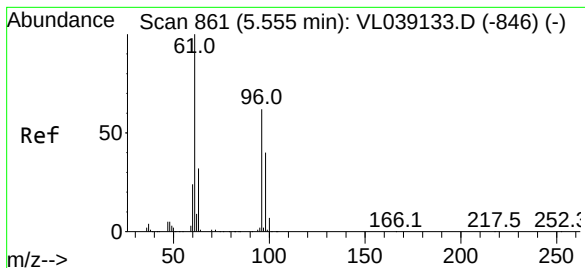


#30
Cyclohexane
Concen: 0.463 ppbv
RT: 7.131 min Scan# 1351
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18



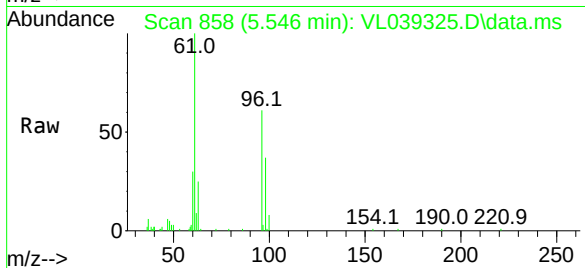
Tgt Ion: 84 Resp: 46588
Ion Ratio Lower Upper
84 100
56 109.2 110.6 165.8#
41 91.9 68.9 103.3





#31
 cis-1,2-Dichloroethene
 Concen: 0.483 ppbv m
 RT: 5.546 min Scan# 81
 Delta R.T. -0.010 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18

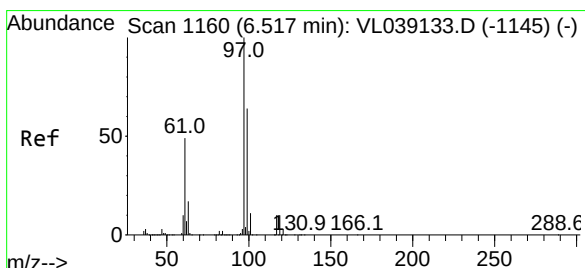
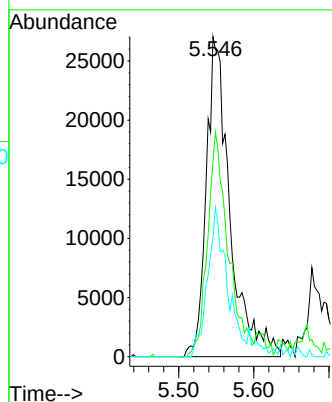
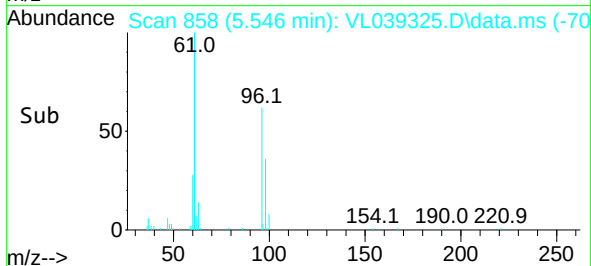
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 61 Resp: 5898
 Ion Ratio Lower Upper
 61 100
 96 60.9 49.9 74.9
 98 37.4 32.0 48.0

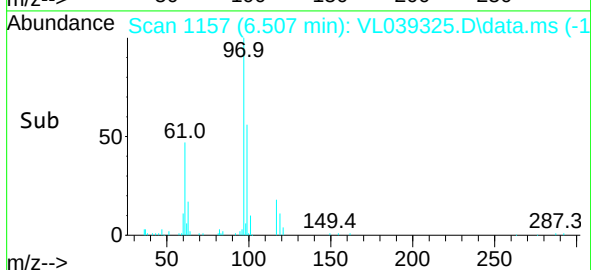
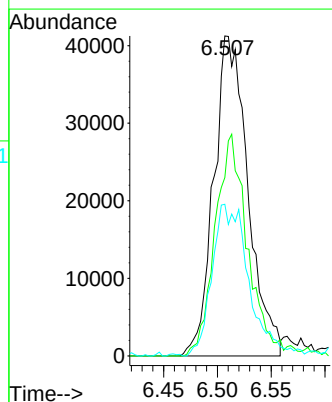
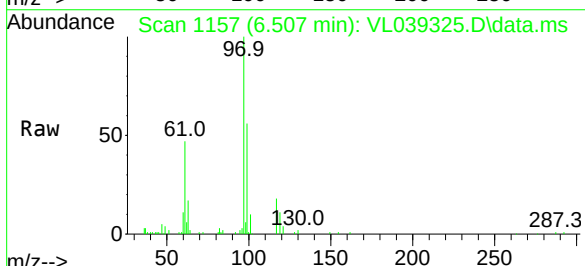
Manual Integrations
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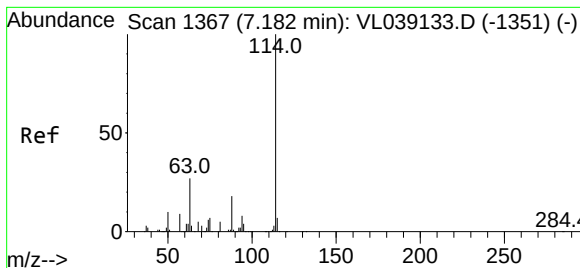
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.463 ppbv
 RT: 6.507 min Scan# 1157
 Delta R.T. -0.010 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18

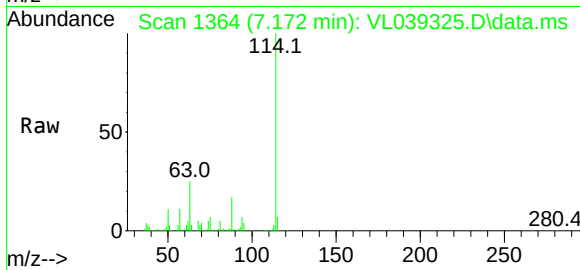
Tgt Ion: 97 Resp: 91233
 Ion Ratio Lower Upper
 97 100
 99 67.0 52.1 78.1
 61 52.1 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

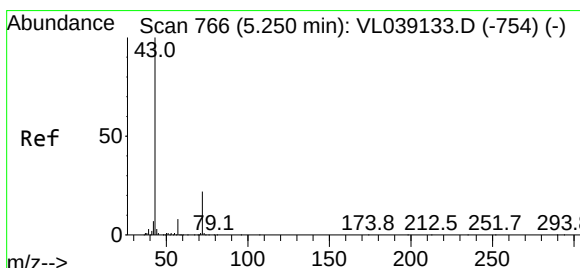
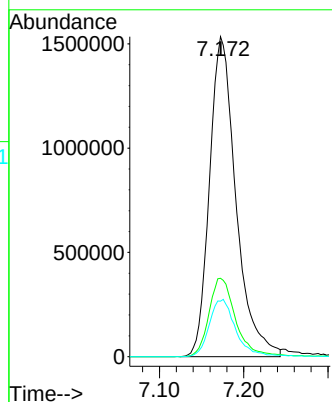
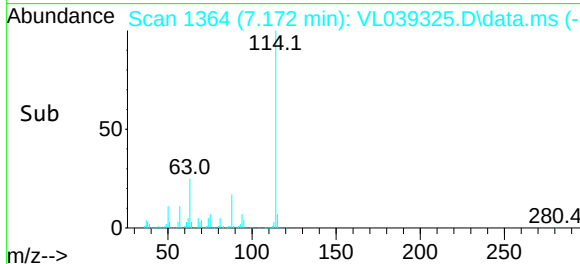
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



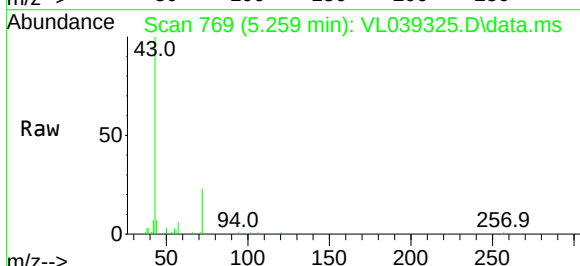
Tgt Ion:114 Resp: 3345870
Ion Ratio Lower Upper
114 100
63 25.0 21.7 32.5
88 18.1 14.8 22.2

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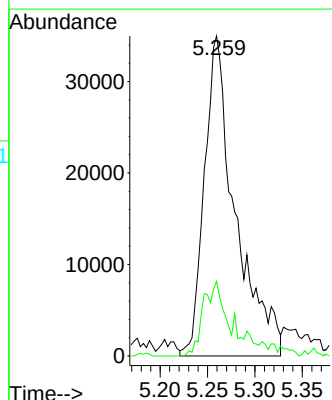
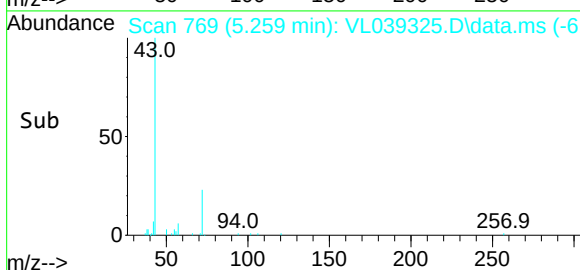
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

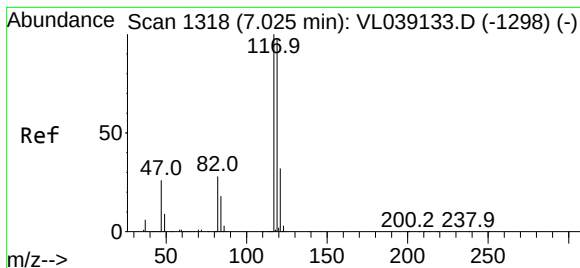


#34
2-Butanone
Concen: 0.438 ppbv m
RT: 5.259 min Scan# 769
Delta R.T. 0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18



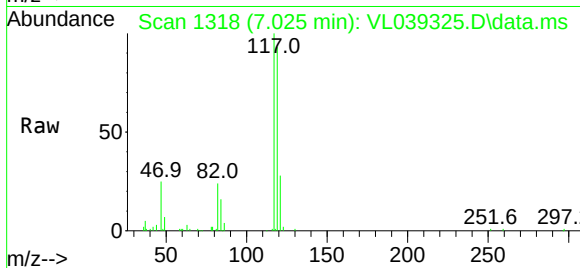
Tgt Ion: 43 Resp: 79630
Ion Ratio Lower Upper
43 100
72 22.0 18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.383 ppbv m
RT: 7.025 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

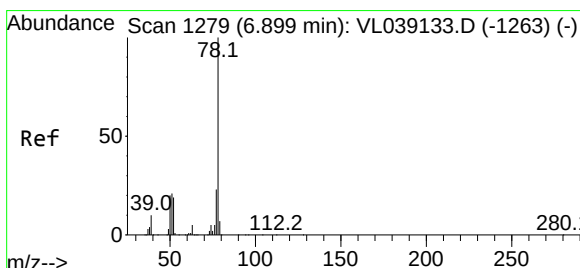
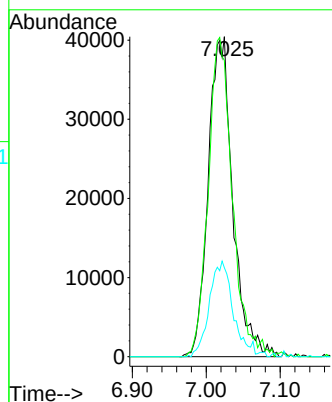
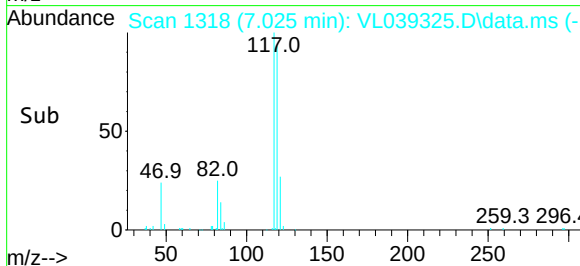
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



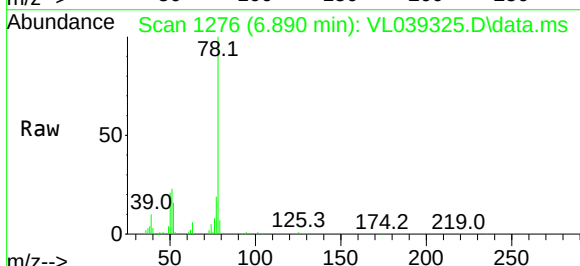
Tgt Ion: 117 Resp: 93440
Ion Ratio Lower Upper
117 100
119 92.6 78.6 118.0
121 27.8 25.4 38.0

Manual Integrations
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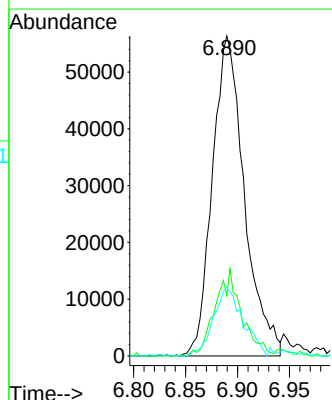
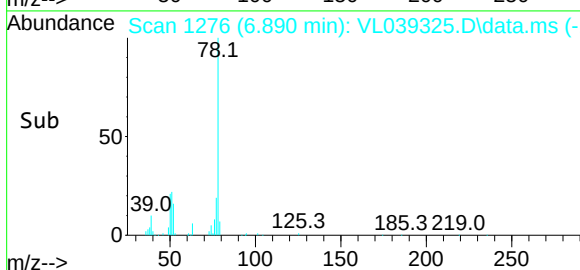
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

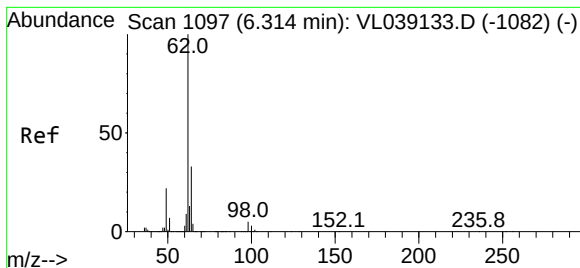


#36
Benzene
Concen: 0.444 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18



Tgt Ion: 78 Resp: 120606
Ion Ratio Lower Upper
78 100
77 19.0 18.6 27.8
50 21.5 15.8 23.8





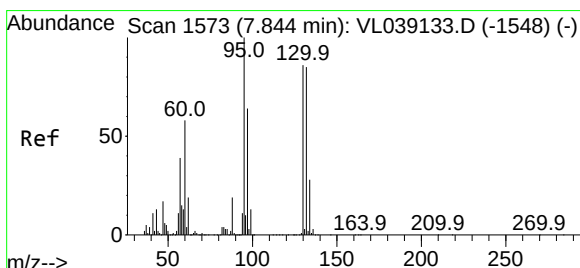
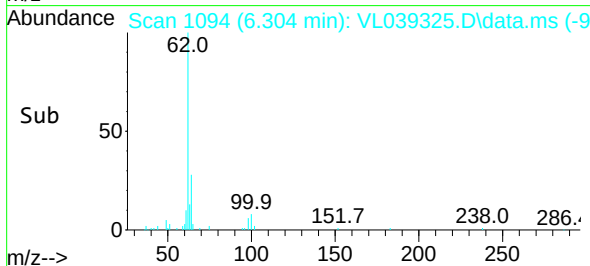
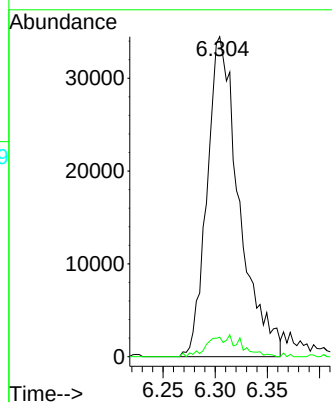
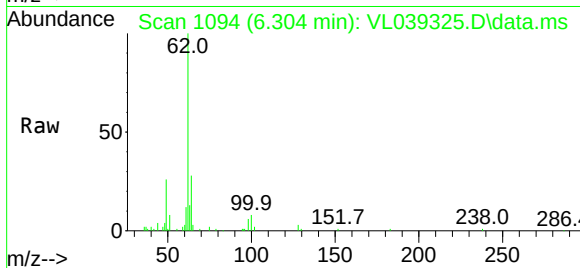
#37
1,2-Dichloroethane
Concen: 0.413 ppbv m
RT: 6.304 min Scan# 1097
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 62 Resp: 73810
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5

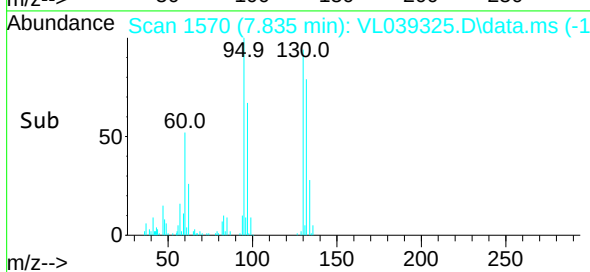
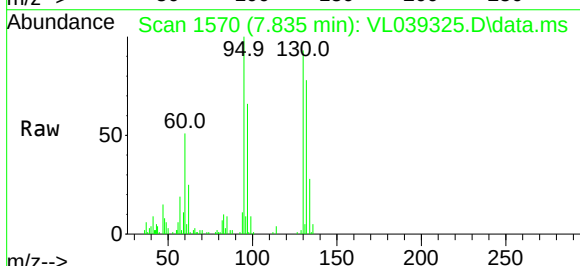
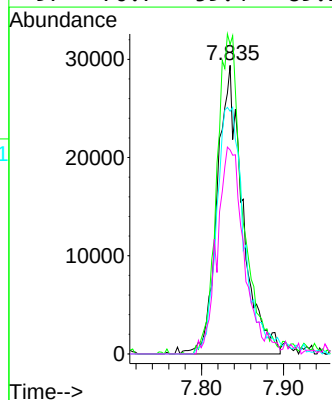
Manual Integrations
APPROVED

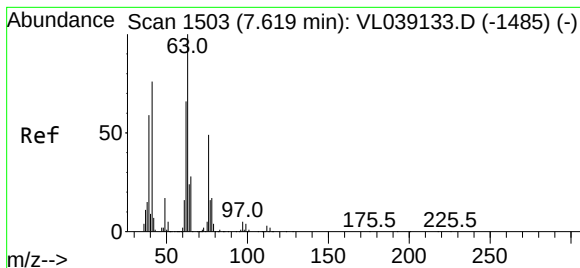
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Trichloroethene
Concen: 0.509 ppbv m
RT: 7.835 min Scan# 1570
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

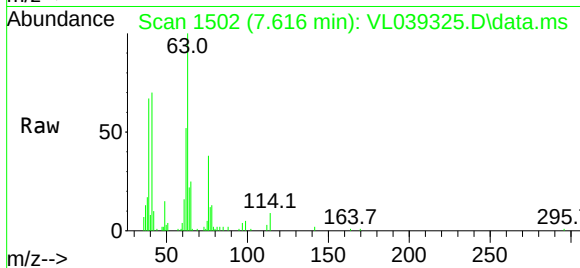
Tgt Ion:130 Resp: 63452
Ion Ratio Lower Upper
130 100
95 107.2 93.3 139.9
132 84.1 79.0 118.4
97 70.7 59.4 89.2





#39
1,2-Dichloropropane
Concen: 0.458 ppbv m
RT: 7.616 min Scan# 1502
Delta R.T. -0.003 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

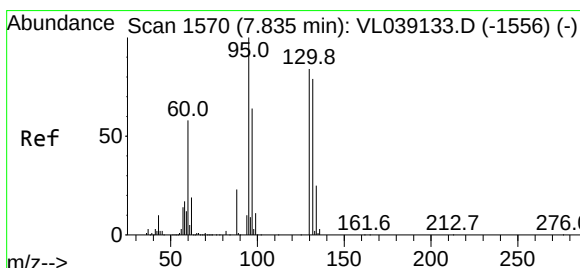
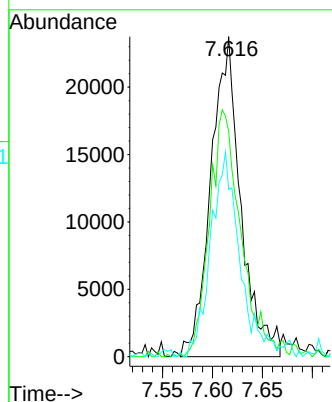
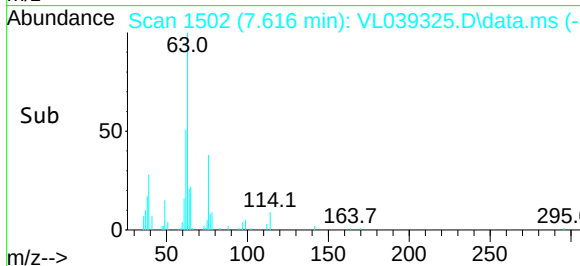
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



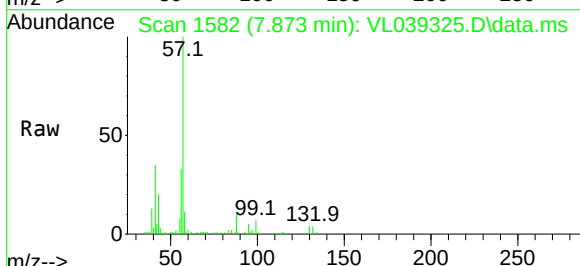
Tgt Ion: 63 Resp: 4947
Ion Ratio Lower Upper
63 100
41 70.4 60.8 91.2
62 52.3 52.9 79.3

Manual Integrations
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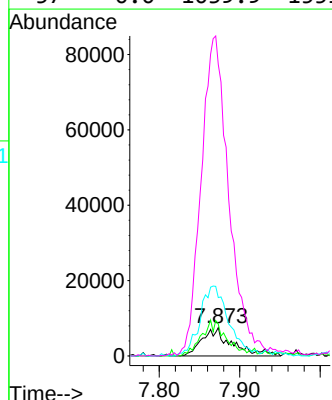
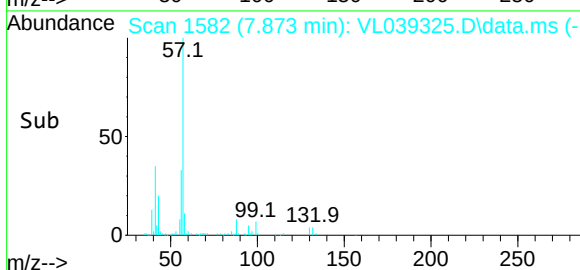
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

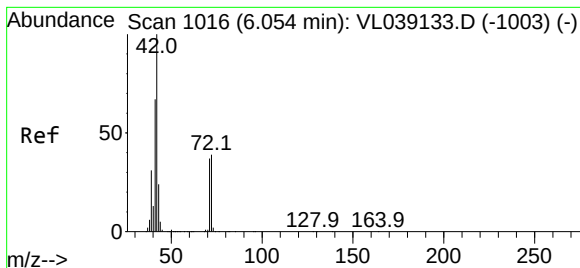


#40
1,4-Dioxane
Concen: 0.545 ppbv m
RT: 7.873 min Scan# 1582
Delta R.T. 0.039 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18



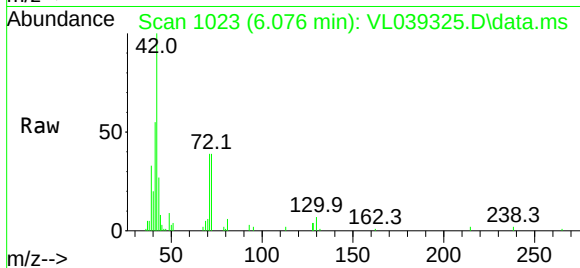
Tgt Ion: 88 Resp: 19371
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 0.404 ppbv m
RT: 6.076 min Scan# 1016
Delta R.T. 0.023 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

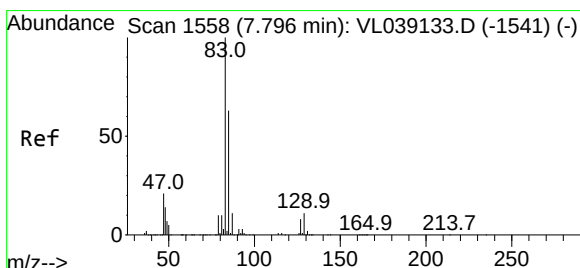
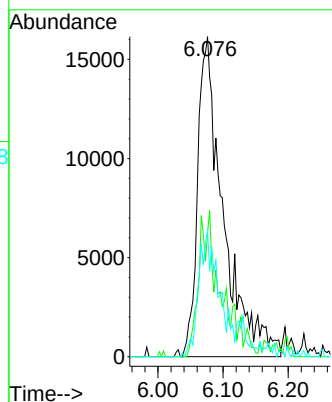
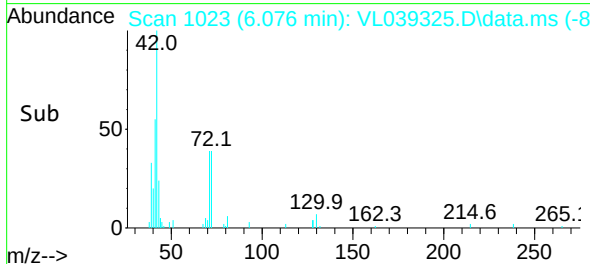
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 42 Resp: 4421
Ion Ratio Lower Upper
42 100
72 38.9 32.0 48.0
71 38.7 31.1 46.7

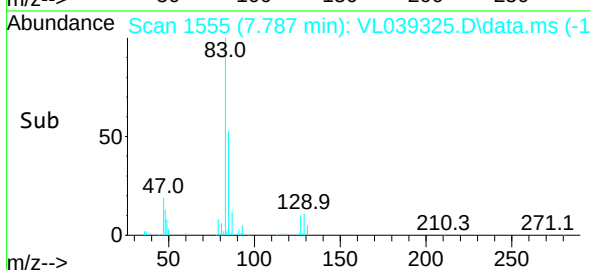
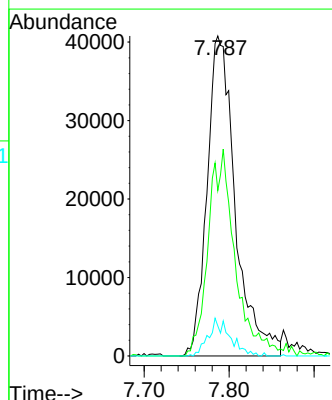
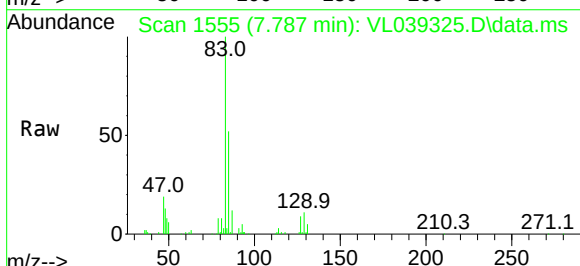
Manual Integrations
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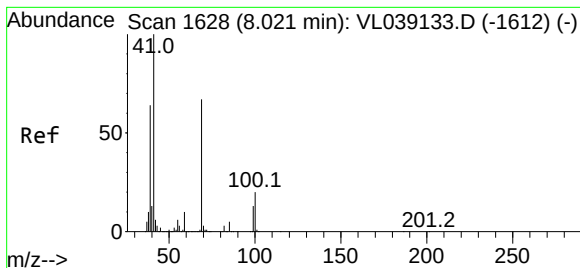
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#42
Bromodichloromethane
Concen: 0.381 ppbv m
RT: 7.787 min Scan# 1555
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion: 83 Resp: 94414
Ion Ratio Lower Upper
83 100
85 51.7 50.2 75.4
127 9.4 6.6 9.8





#43

Methyl Methacrylate

Concen: 0.388 ppbv

RT: 8.021 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

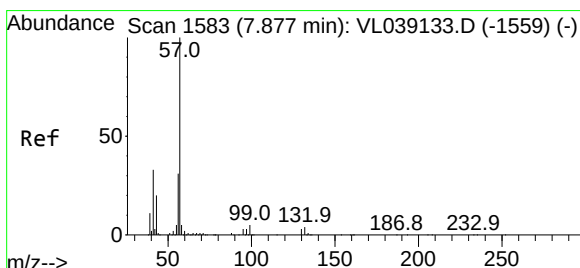
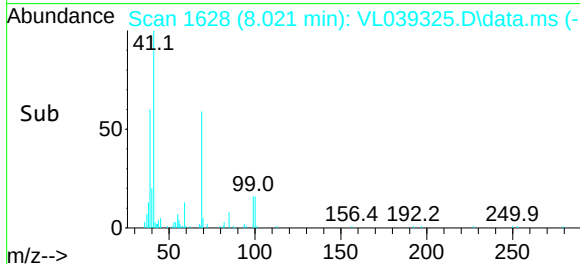
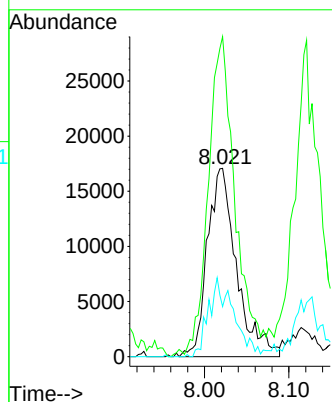
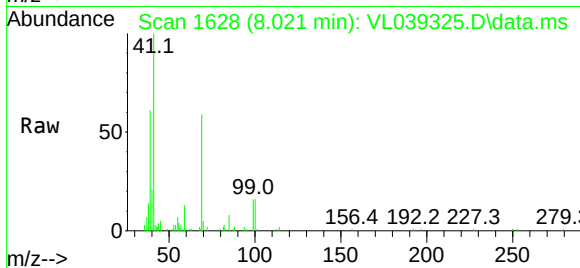
Tgt Ion: 69 Resp: 41000

Ion	Ratio	Lower	Upper
69	100		
41	160.0	121.9	182.9
100	37.2	24.1	36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#44

2,2,4-Trimethylpentane

Concen: 0.420 ppbv

RT: 7.870 min Scan# 1581

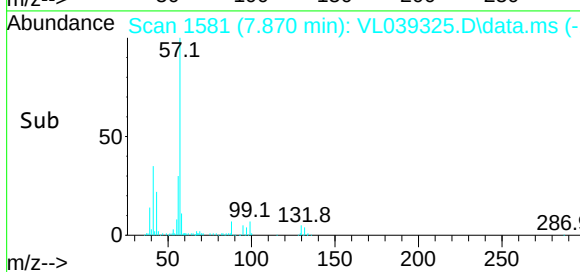
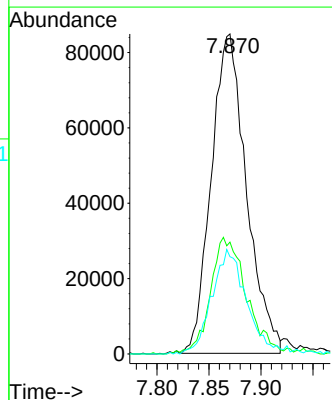
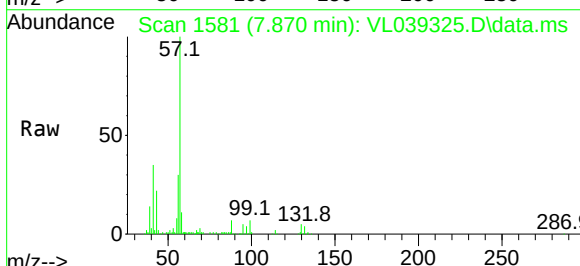
Delta R.T. -0.006 min

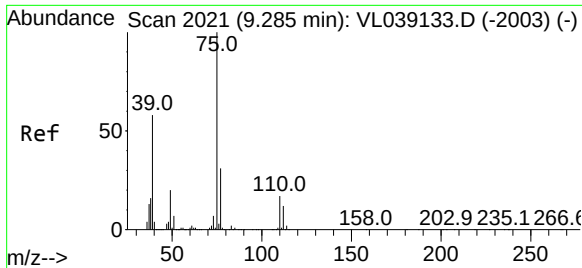
Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Tgt Ion: 57 Resp: 199684

Ion	Ratio	Lower	Upper
57	100		
41	37.9	26.2	39.4
56	33.0	24.7	37.1





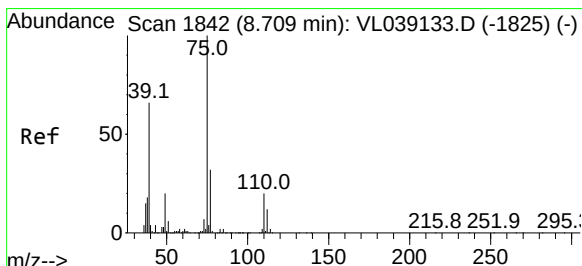
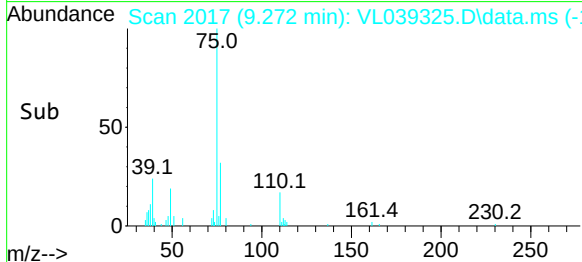
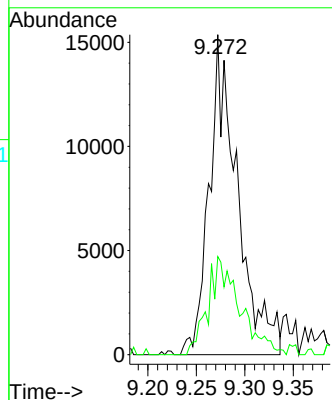
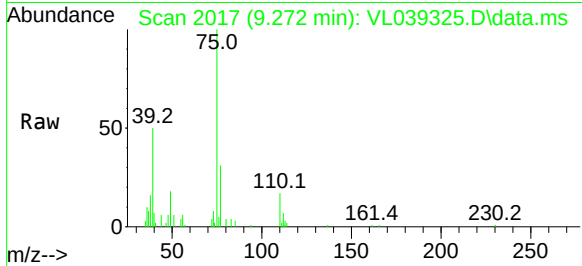
#45
t-1,3-Dichloropropene
Concen: 0.283 ppbv m
RT: 9.272 min Scan# 20
Delta R.T. -0.013 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 75 Resp: 31190
Ion Ratio Lower Upper
75 100
77 30.7 24.4 36.6

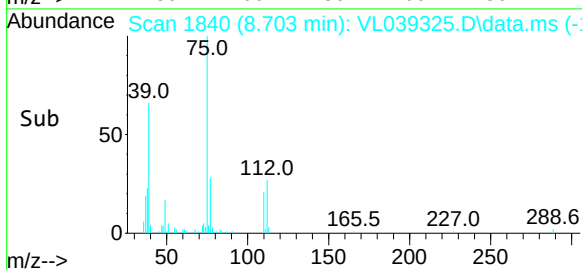
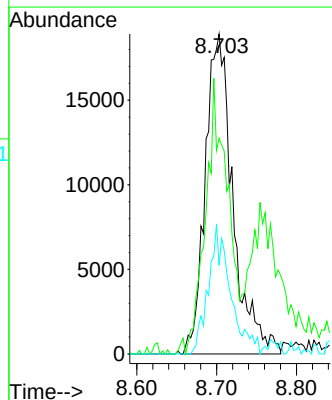
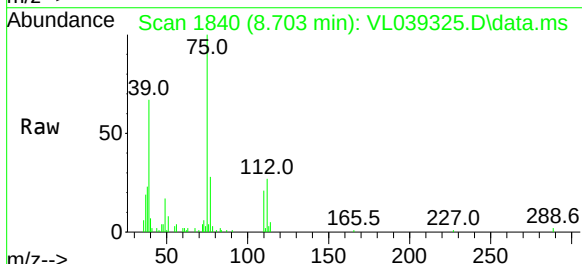
Manual Integrations
APPROVED

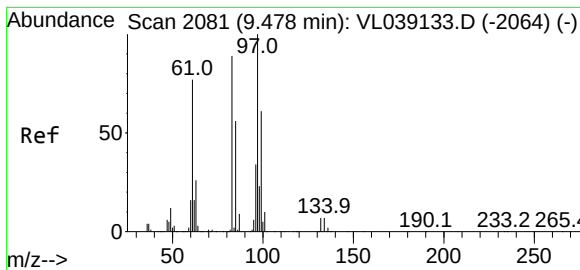
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#46
cis-1,3-Dichloropropene
Concen: 0.312 ppbv m
RT: 8.703 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

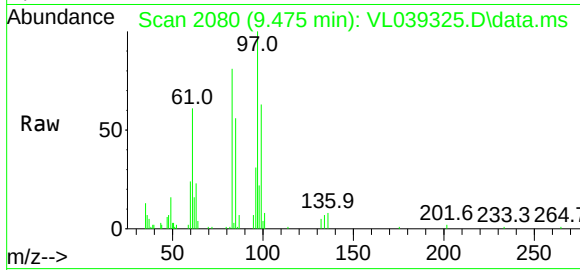
Tgt Ion: 75 Resp: 45462
Ion Ratio Lower Upper
75 100
39 67.4 52.4 78.6
77 27.7 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 0.467 ppbv m
RT: 9.475 min Scan# 2081
Delta R.T. -0.003 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

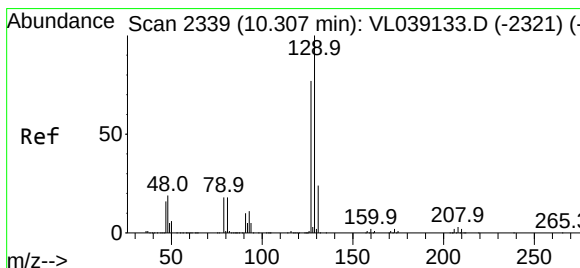
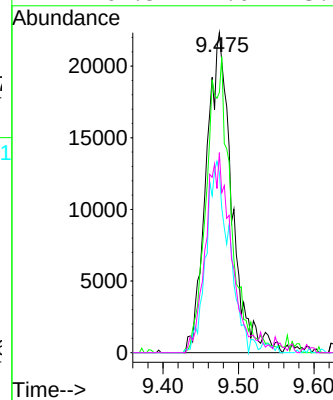
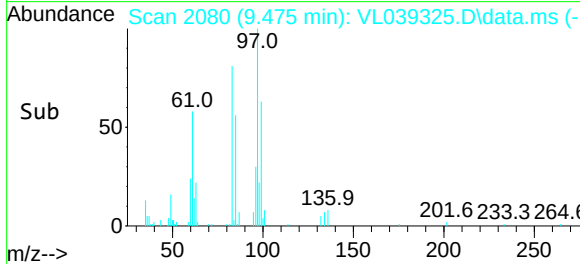
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



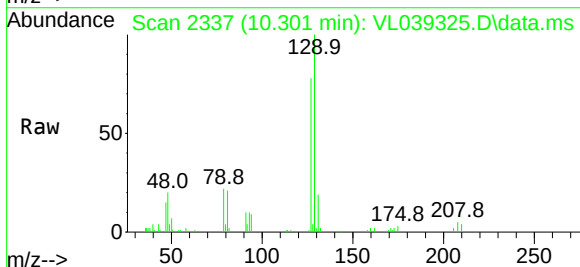
Tgt Ion: 97 Resp: 5261
Ion Ratio Lower Upper
97 100
83 81.3 71.6 107.4
85 56.3 44.8 67.2
99 62.5 49.0 73.4

Manual Integrations
APPROVED

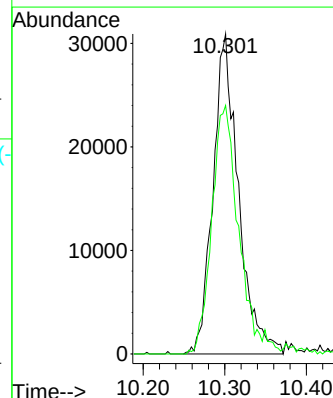
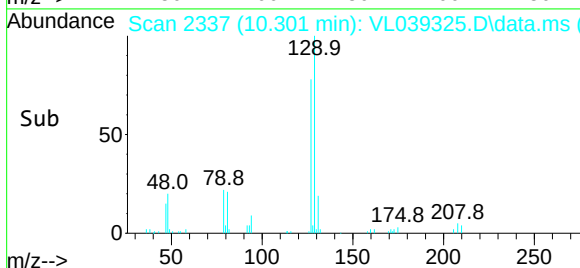
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

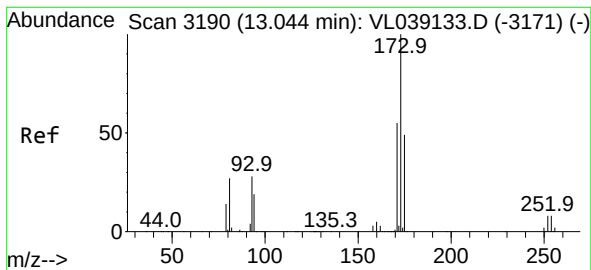


#48
Dibromochloromethane
Concen: 0.331 ppbv m
RT: 10.301 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18



Tgt Ion:129 Resp: 66695
Ion Ratio Lower Upper
129 100
127 82.7 40.0 119.9





#49

Bromoform

Concen: 0.311 ppbv m

RT: 13.034 min Scan# 3190

Delta R.T. -0.010 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_L

ClientSampleId :

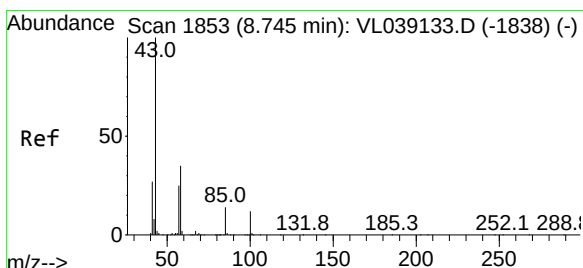
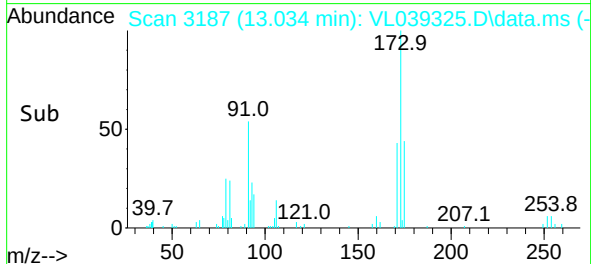
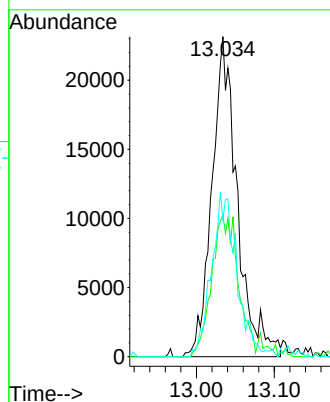
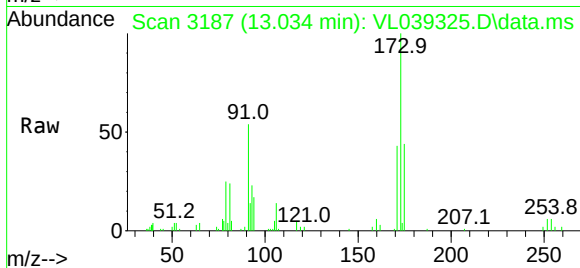
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:173	Resp: 52134
Ion Ratio	Lower Upper
173 100	
175 49.7	40.2 60.2
171 51.4	43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#50

4-Methyl-2-Pentanone

Concen: 0.407 ppbv m

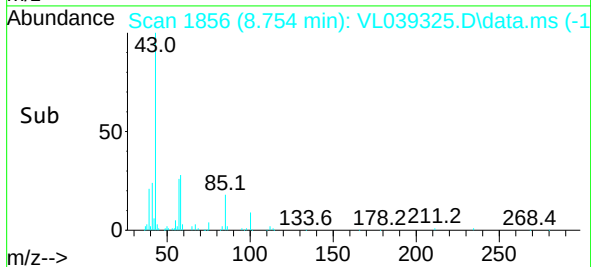
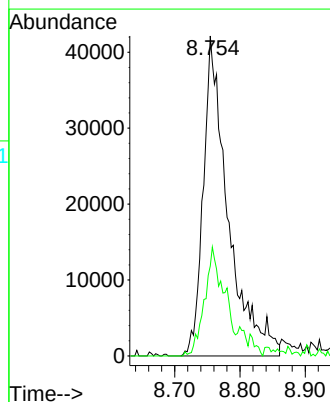
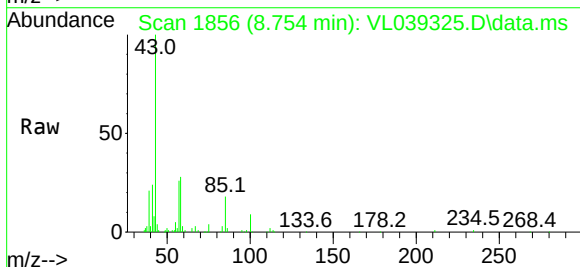
RT: 8.754 min Scan# 1856

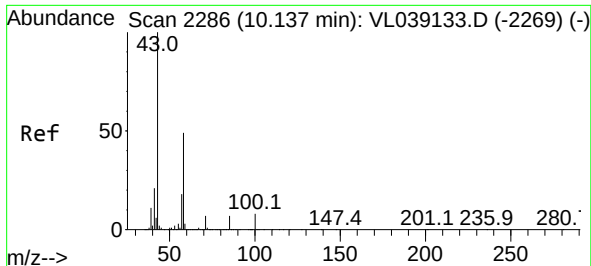
Delta R.T. 0.010 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

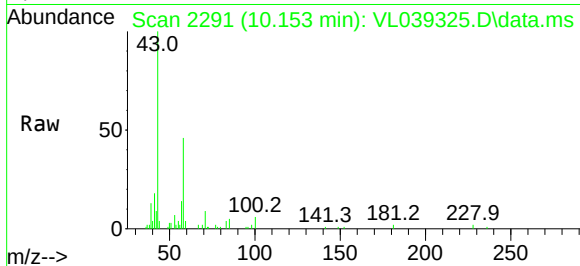
Tgt Ion: 43	Resp: 110652
Ion Ratio	Lower Upper
43 100	
58 31.8	28.7 43.1





#51
2-Hexanone
Concen: 0.342 ppbv m
RT: 10.153 min Scan# 2291
Delta R.T. 0.016 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

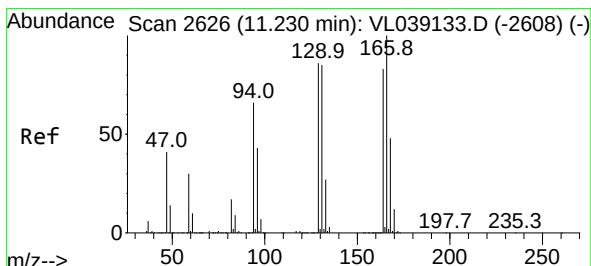
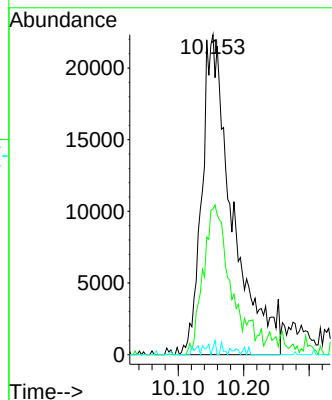
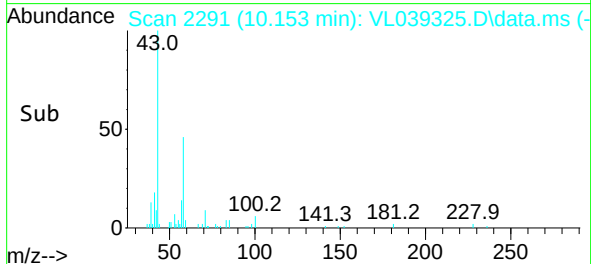
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 7231
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 0.1 0.1 0.1

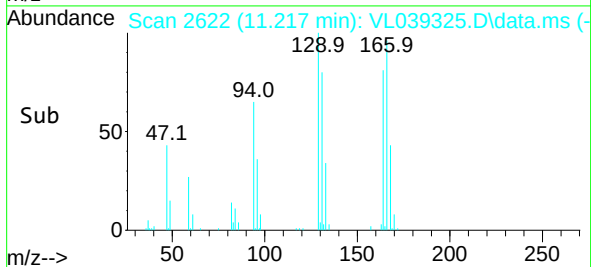
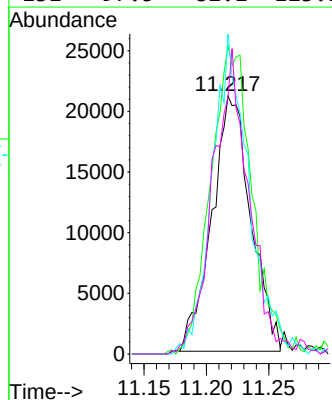
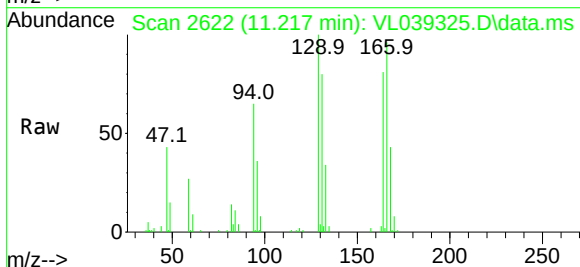
Manual Integrations
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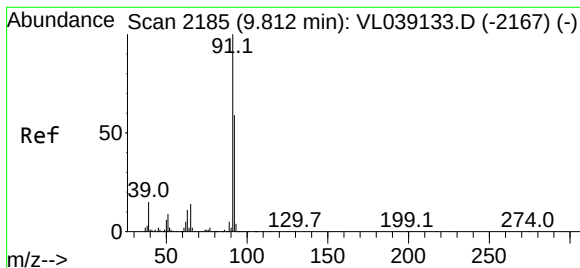
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#52
Tetrachloroethene
Concen: 0.431 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. -0.013 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

Tgt Ion:164 Resp: 45718
Ion Ratio Lower Upper
164 100
166 118.3 96.3 144.5
129 121.3 82.5 123.7
131 97.5 82.1 123.1





#53

Toluene

Concen: 0.411 ppbv m

RT: 9.806 min Scan# 2185

Delta R.T. -0.006 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 128670

Ion Ratio Lower Upper

91 100

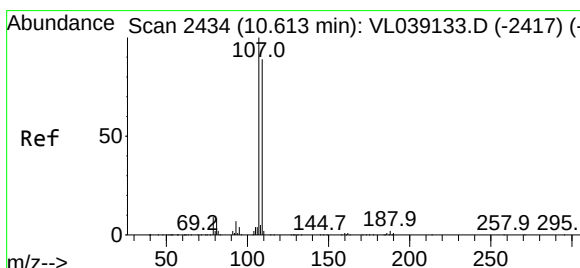
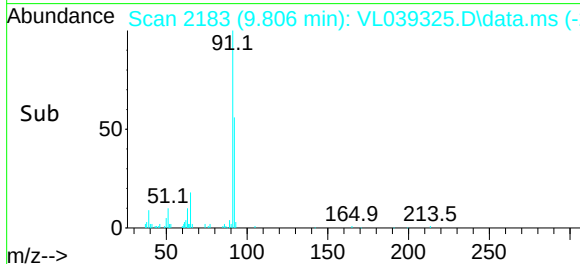
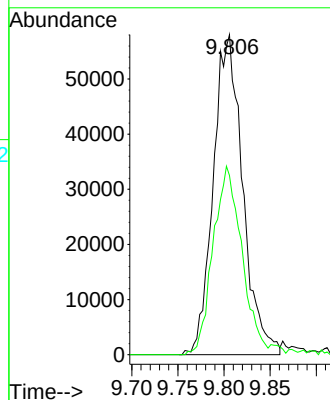
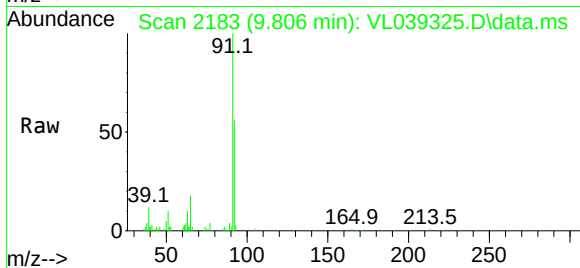
92 0.0 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#54

1,2-Dibromoethane

Concen: 0.425 ppbv m

RT: 10.610 min Scan# 2433

Delta R.T. -0.003 min

Lab File: VL039325.D

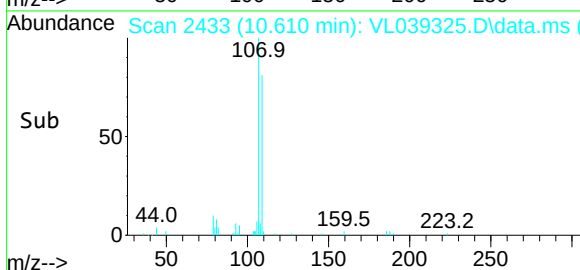
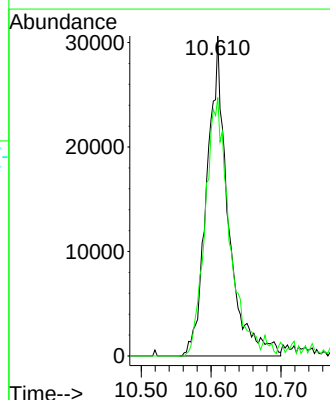
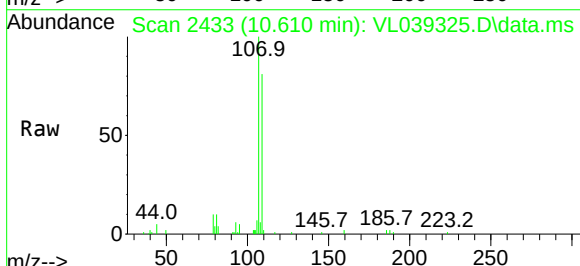
Acq: 22 Jun 2022 18:18

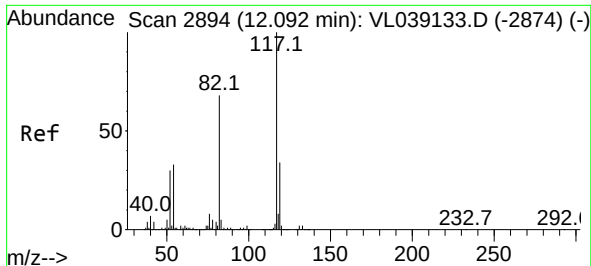
Tgt Ion:107 Resp: 64376

Ion Ratio Lower Upper

107 100

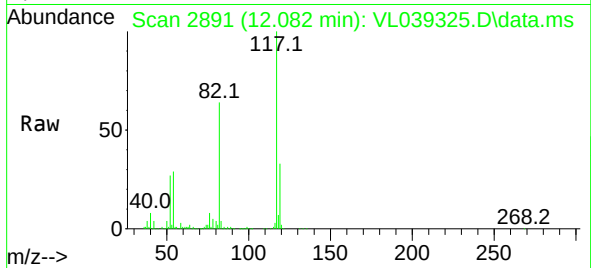
109 80.8 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.082 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

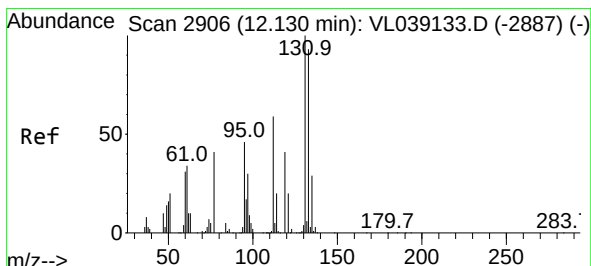
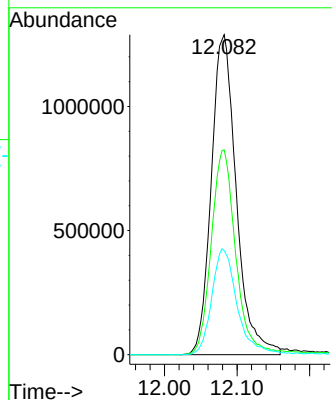
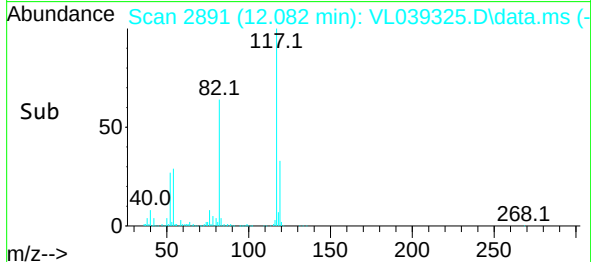
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion:117 Resp: 308714
Ion Ratio Lower Upper
117 100
82 63.9 55.1 82.7
119 34.1 24.7 37.1

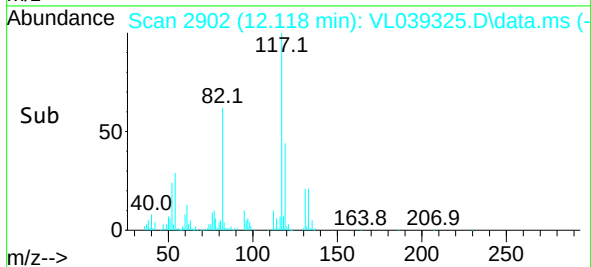
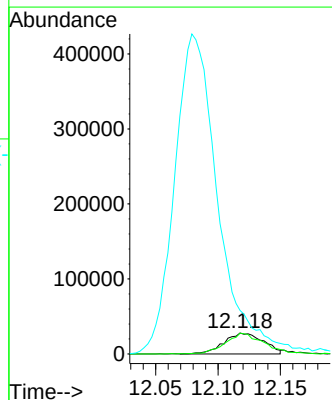
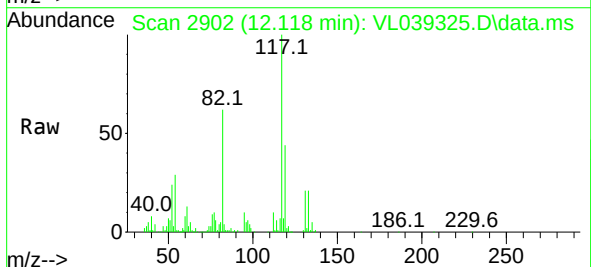
Manual Integrations
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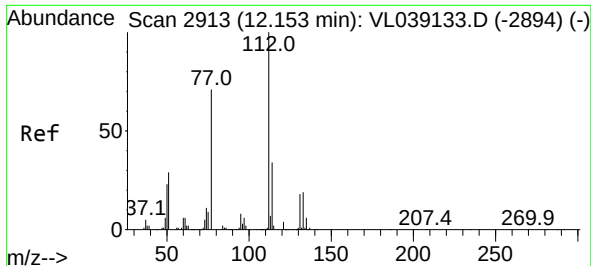
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.419 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. -0.013 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

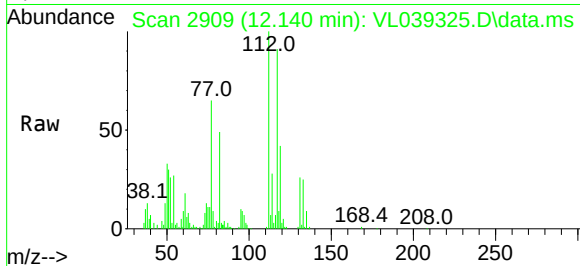
Tgt Ion:131 Resp: 61250
Ion Ratio Lower Upper
131 100
133 99.6 78.6 117.8
119 1701.4 51.7 77.5#





#57
Chlorobenzene
Concen: 0.496 ppbv
RT: 12.140 min Scan# 2913
Delta R.T. -0.013 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

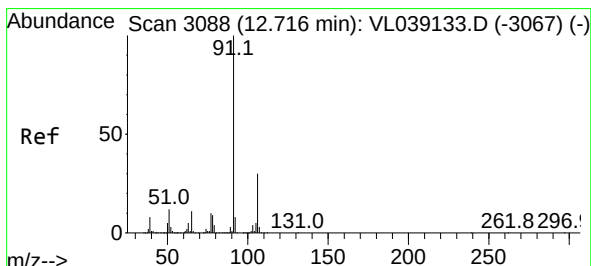
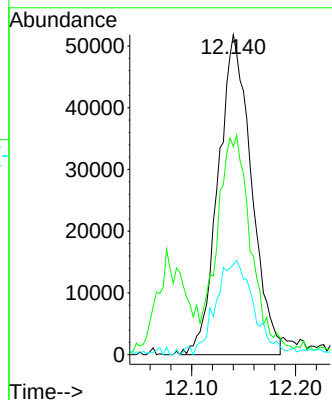
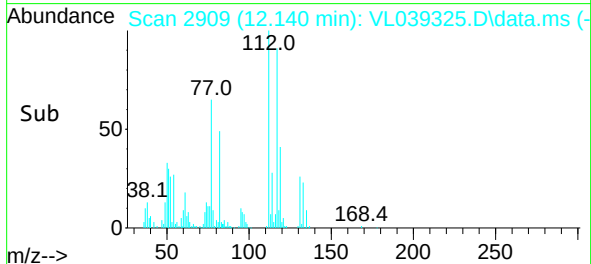
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



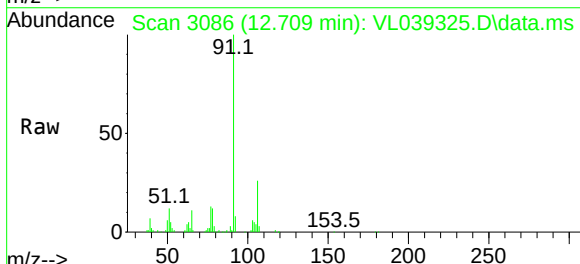
Tgt Ion:112 Resp: 115130
Ion Ratio Lower Upper
112 100
77 60.4 56.5 84.7
114 28.6 30.3 37.1

Manual Integrations
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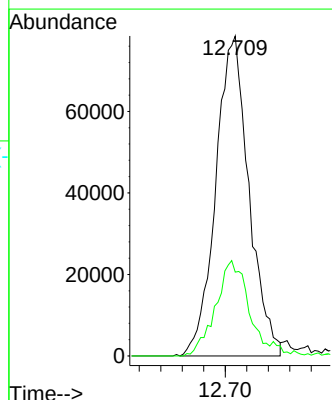
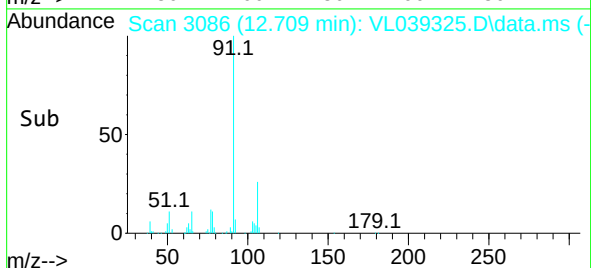
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

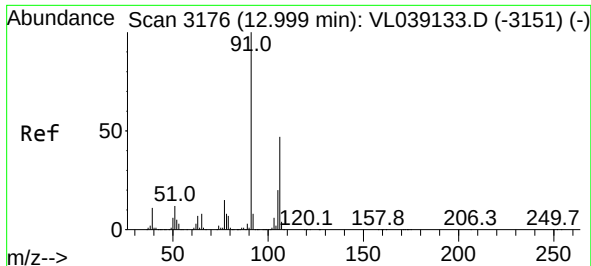


#58
Ethyl Benzene
Concen: 0.395 ppbv
RT: 12.709 min Scan# 3086
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18



Tgt Ion: 91 Resp: 168025
Ion Ratio Lower Upper
91 100
106 26.2 24.2 36.4





#59

m/p-Xylene

Concen: 0.854 ppbv m

RT: 12.986 min Scan# 3172

Delta R.T. -0.013 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 31968

Ion Ratio Lower Upper

91 100

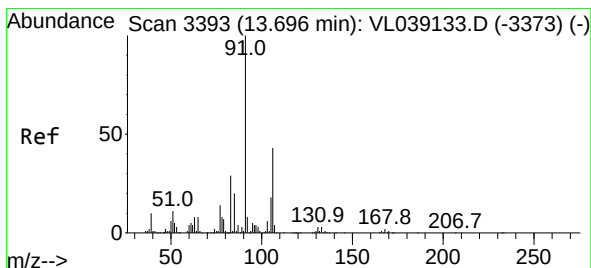
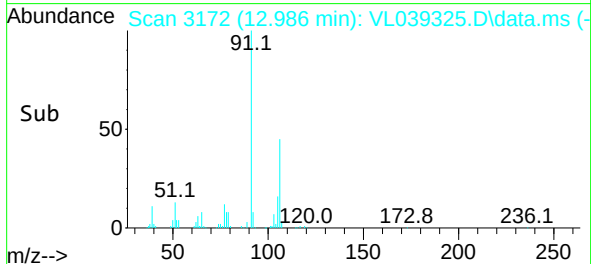
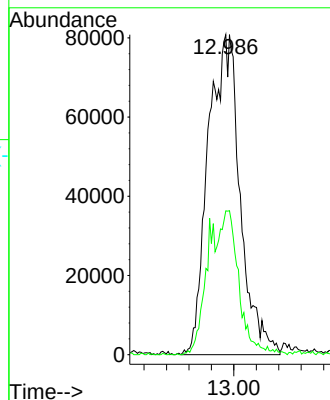
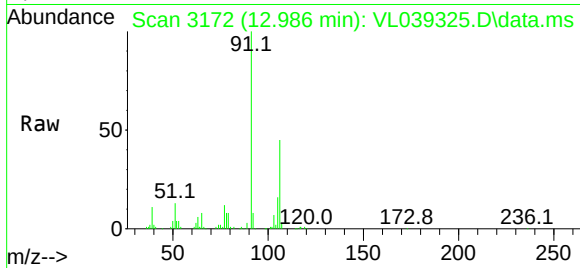
106 0.0 34.3 51.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#60

o-Xylene

Concen: 0.428 ppbv

RT: 13.687 min Scan# 3390

Delta R.T. -0.010 min

Lab File: VL039325.D

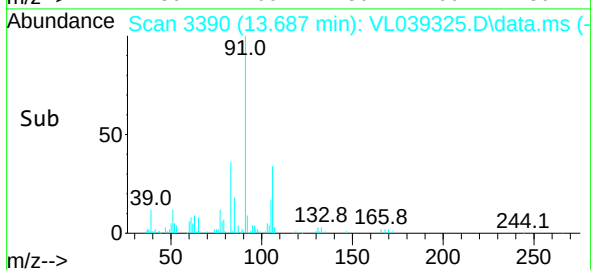
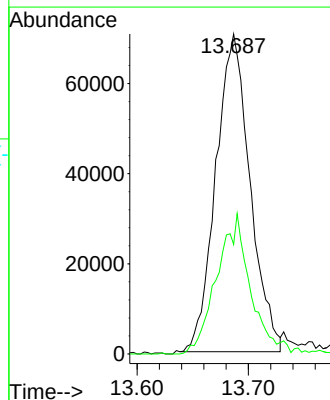
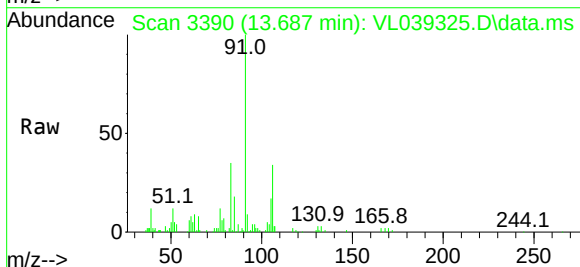
Acq: 22 Jun 2022 18:18

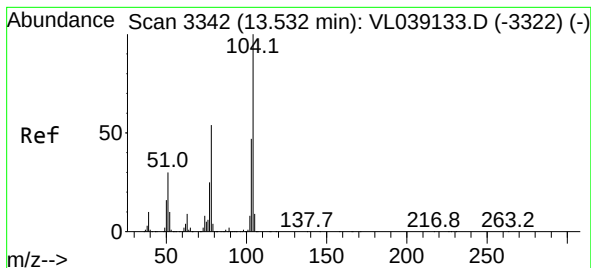
Tgt Ion: 91 Resp: 150750

Ion Ratio Lower Upper

91 100

106 44.4 22.3 66.9





#61

Styrene

Concen: 0.357 ppbv

RT: 13.526 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_L

ClientSampleId :

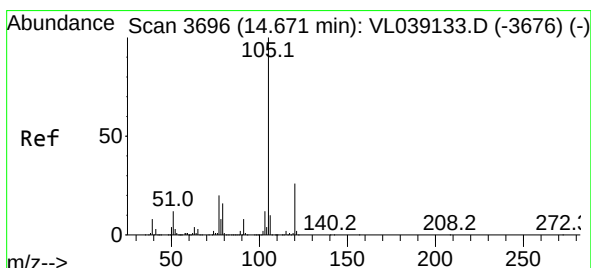
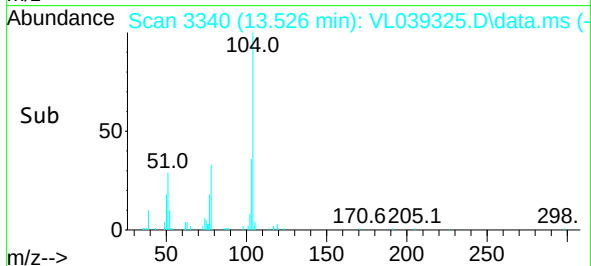
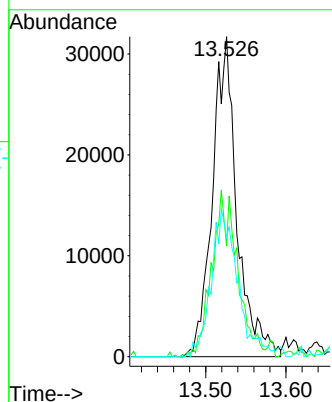
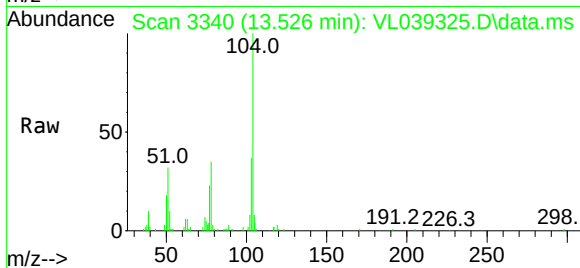
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:104 Resp: 67298
 Ion Ratio Lower Upper
 104 100
 78 55.5 45.7 68.5
 103 50.7 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#62

Isopropylbenzene

Concen: 0.446 ppbv

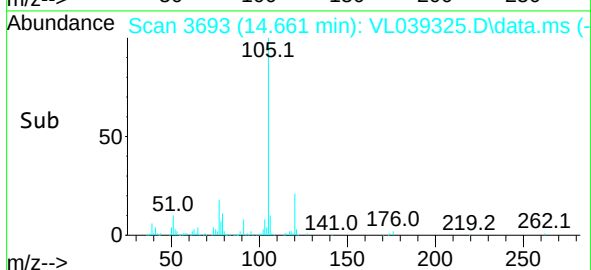
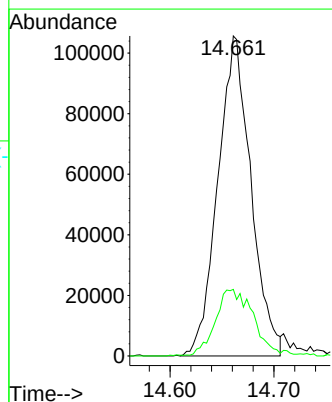
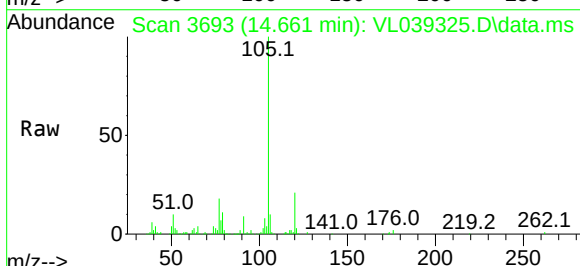
RT: 14.661 min Scan# 3693

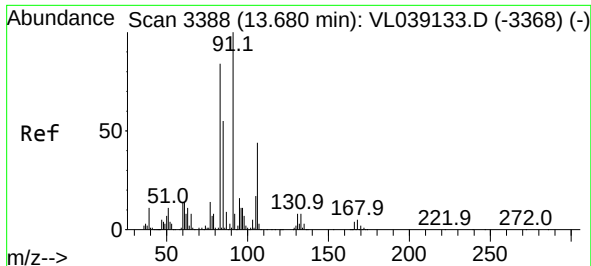
Delta R.T. -0.010 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

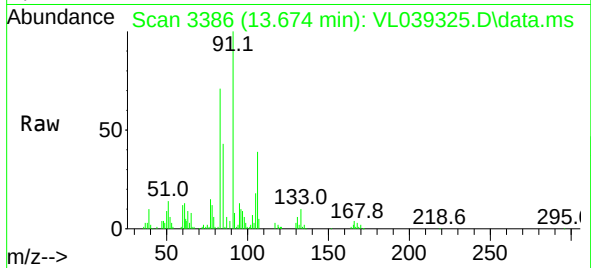
Tgt Ion:105 Resp: 233406
 Ion Ratio Lower Upper
 105 100
 120 24.6 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.400 ppbv
RT: 13.674 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

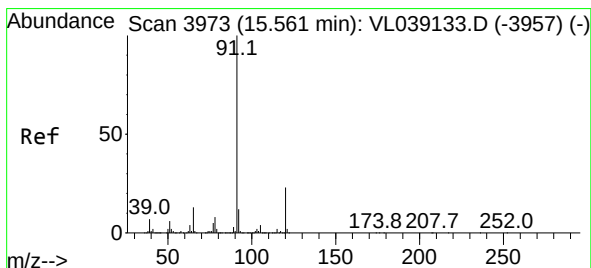
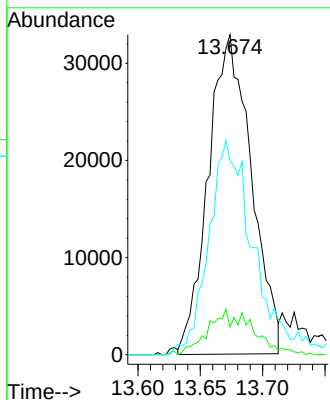
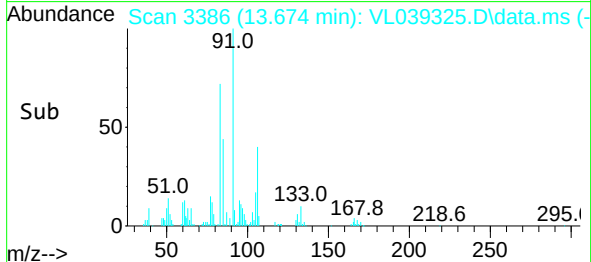
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



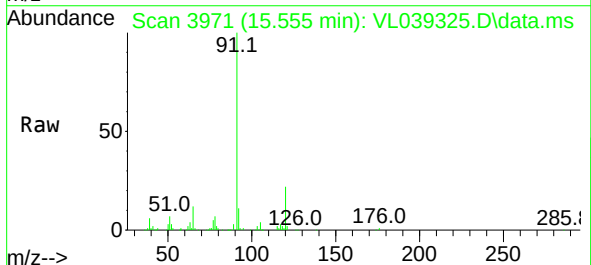
Tgt Ion: 83 Resp: 7906
Ion Ratio Lower Upper
83 100
131 14.7 4.8 14.3
85 70.6 33.0 99.0

Manual Integrations
APPROVED

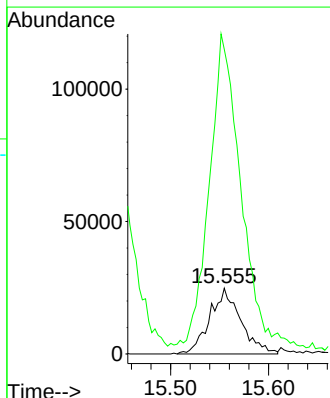
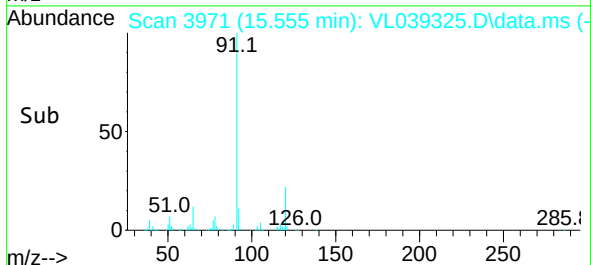
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

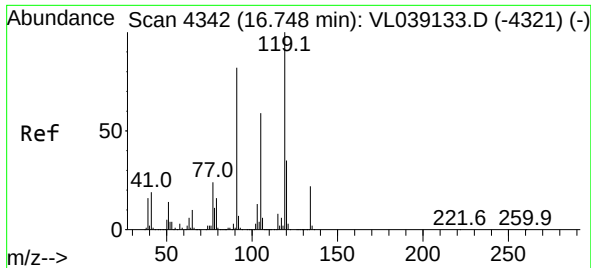


#64
n-propylbenzene
Concen: 0.424 ppbv m
RT: 15.555 min Scan# 3971
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18



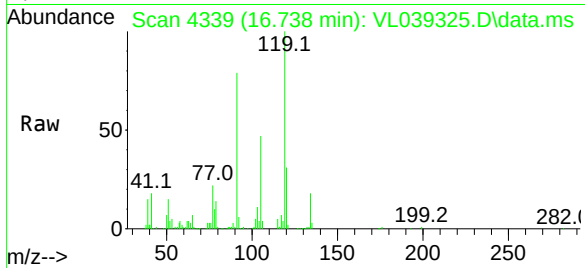
Tgt Ion:120 Resp: 54471
Ion Ratio Lower Upper
120 100
91 523.9 388.4 582.6





#65
tert-Butylbenzene
Concen: 0.435 ppbv
RT: 16.738 min Scan# 411
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

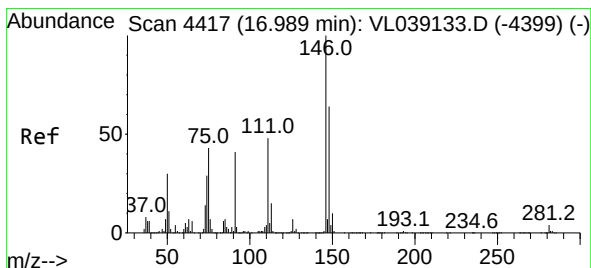
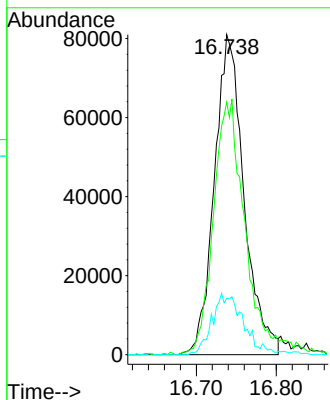
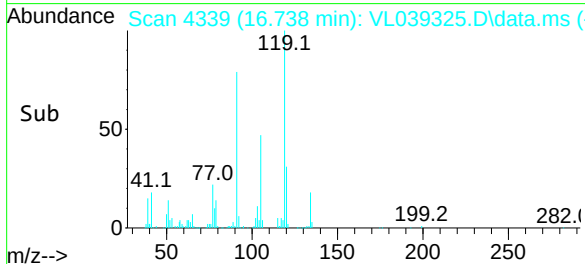
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



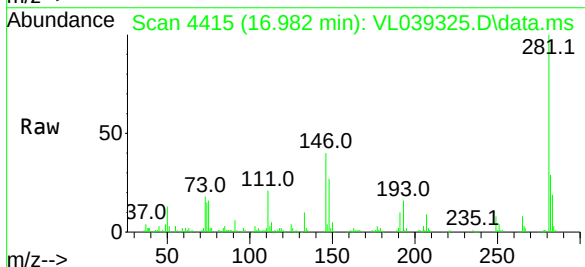
Tgt Ion: 119 Resp: 20815
Ion Ratio Lower Upper
119 100
91 86.9 67.1 100.7
134 20.7 15.8 23.8

Manual Integrations
APPROVED

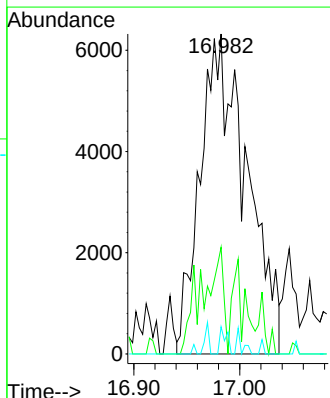
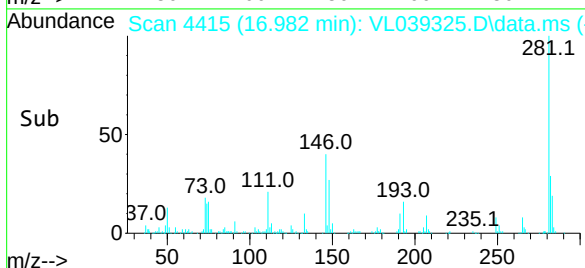
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

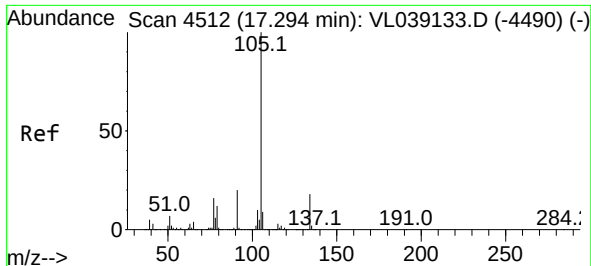


#66
Benzyl Chloride
Concen: 0.311 ppbv m
RT: 16.982 min Scan# 4415
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18



Tgt Ion: 91 Resp: 19356
Ion Ratio Lower Upper
91 100
126 25.7 13.4 20.0#
128 1.0 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.433 ppbv

RT: 17.285 min Scan# 4509

Delta R.T. -0.010 min

Lab File: VL039325.D

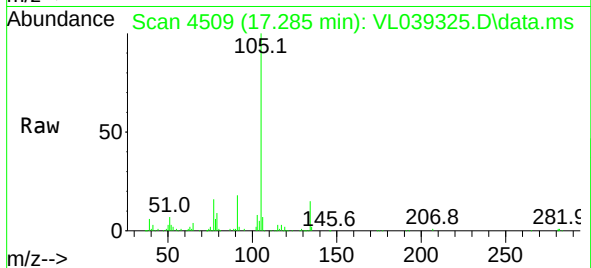
Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion:105 Resp: 282224

Ion Ratio Lower Upper

105 100

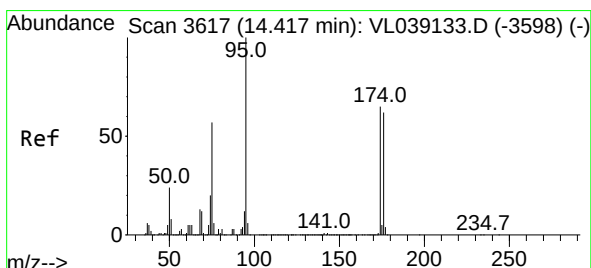
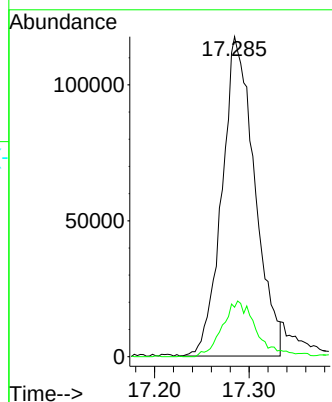
134 18.6 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.258 ppbv

RT: 14.410 min Scan# 3615

Delta R.T. -0.006 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

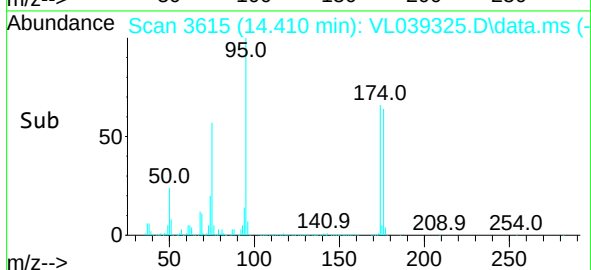
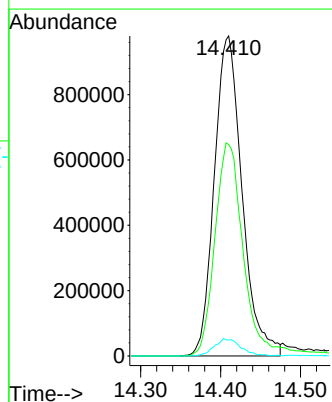
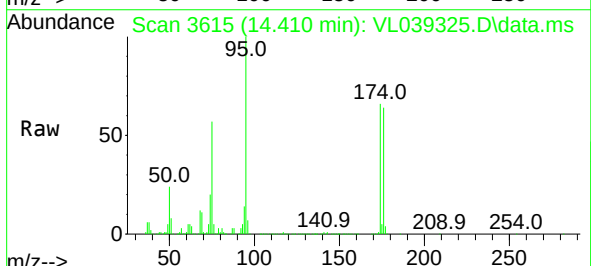
Tgt Ion: 95 Resp: 2362962

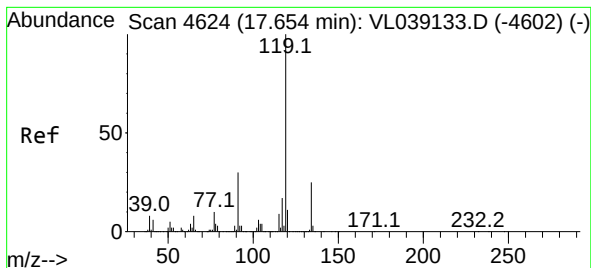
Ion Ratio Lower Upper

95 100

174 70.3 53.8 80.8

175 5.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.411 ppbv

RT: 17.648 min Scan# 4622

Delta R.T. -0.006 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

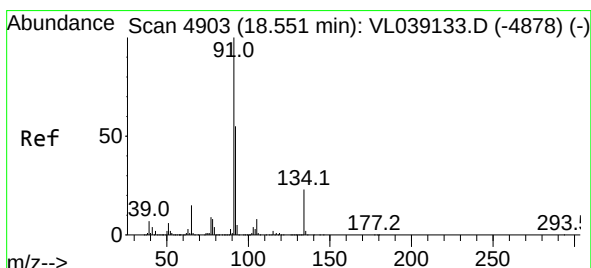
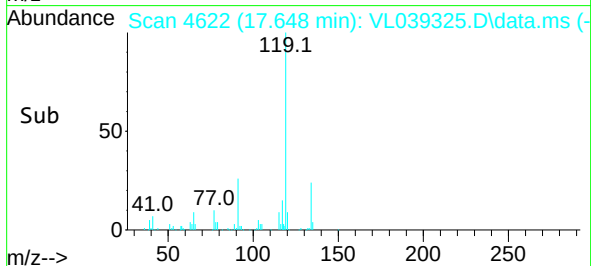
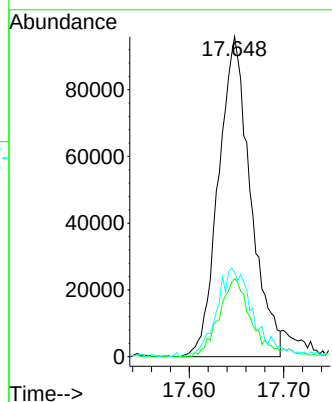
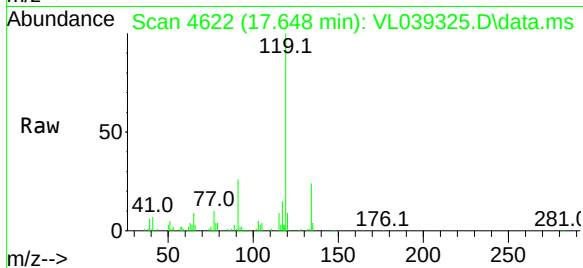
Tgt Ion: 119 Resp: 22650

Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.4	30.6
91	32.6	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70

n-Butylbenzene

Concen: 0.376 ppbv

RT: 18.551 min Scan# 4903

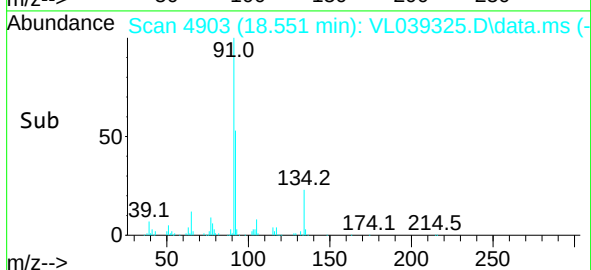
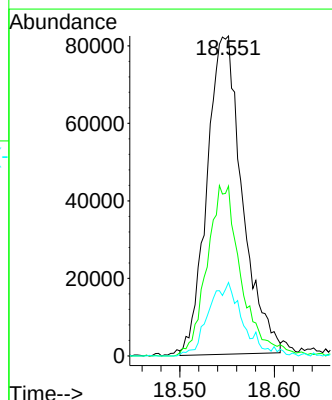
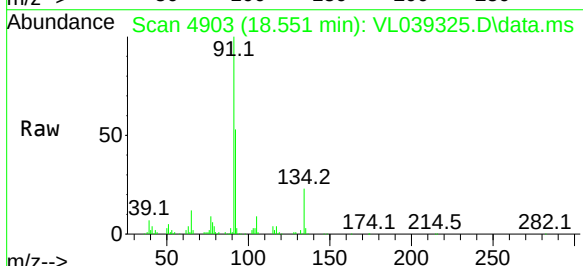
Delta R.T. 0.000 min

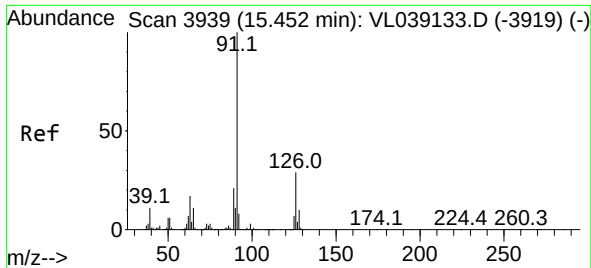
Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Tgt Ion: 91 Resp: 212661

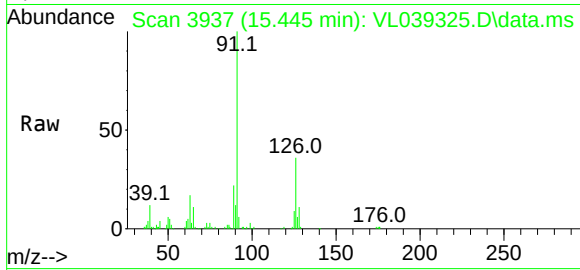
Ion	Ratio	Lower	Upper
91	100		
92	52.3	43.6	65.4
134	22.8	17.7	26.5





#71
2-Chlorotoluene
Concen: 0.399 ppbv
RT: 15.445 min Scan# 3939
Delta R.T. -0.006 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

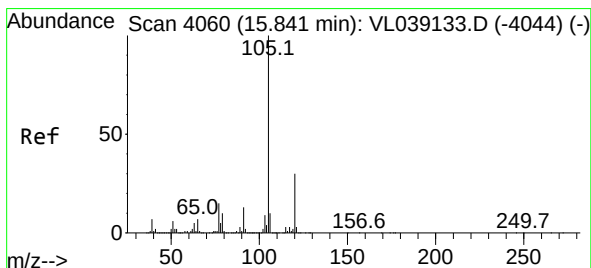
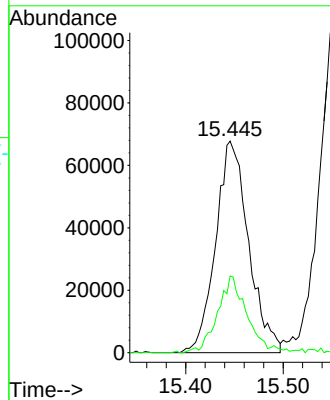
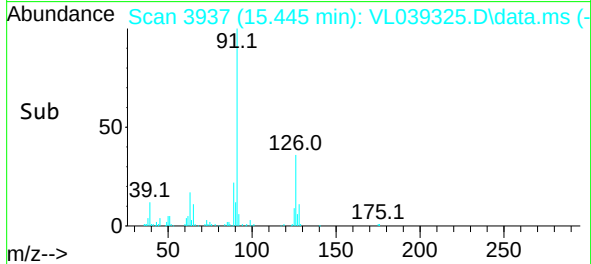
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



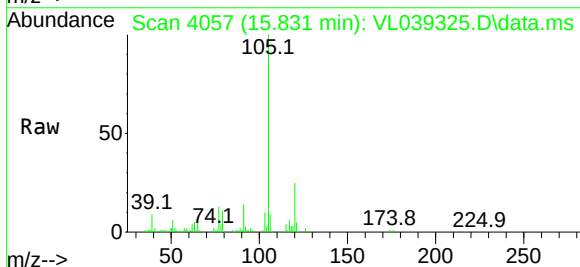
Tgt Ion: 91 Resp: 159008
Ion Ratio Lower Upper
91 100
126 32.4 12.2 48.6

Manual Integrations
APPROVED

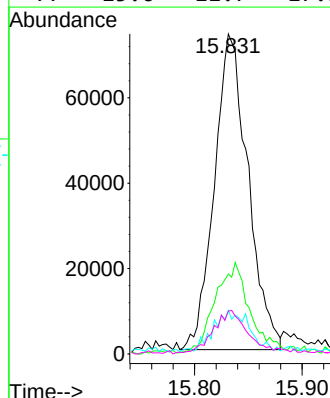
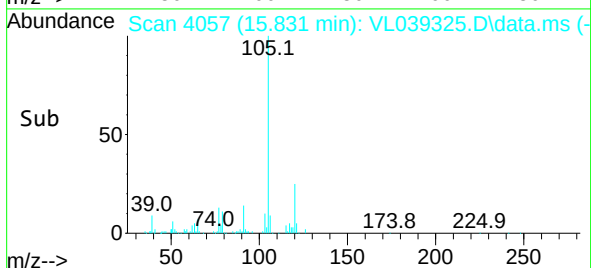
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

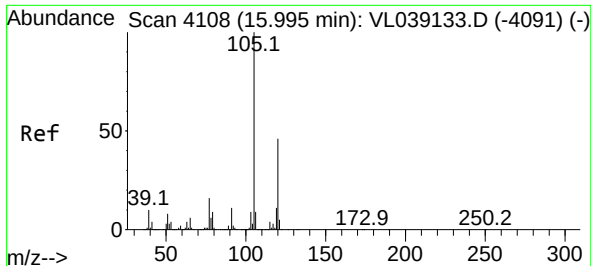


#72
4-Ethyltoluene
Concen: 0.390 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. -0.010 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18



Tgt Ion:105 Resp: 160893
Ion Ratio Lower Upper
105 100
120 31.5 23.9 35.9
91 13.2 10.6 16.0
77 15.6 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 0.443 ppbv m

RT: 15.999 min Scan# 4109

Delta R.T. 0.003 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion:105 Resp: 16473

Ion Ratio Lower Upper

105 100

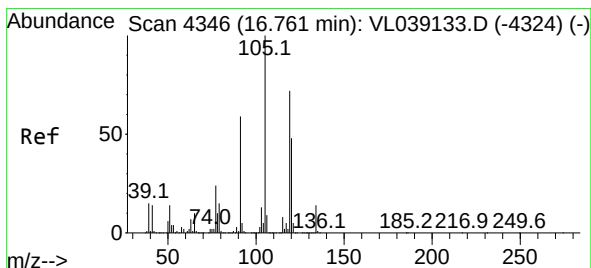
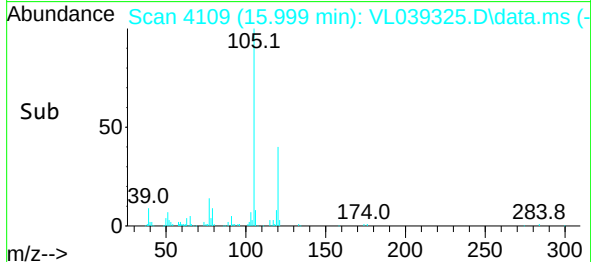
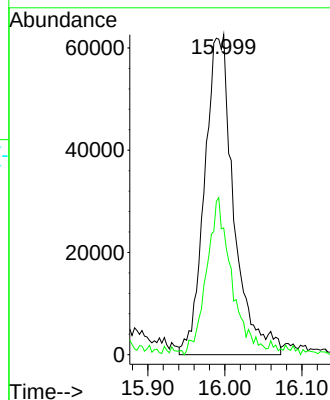
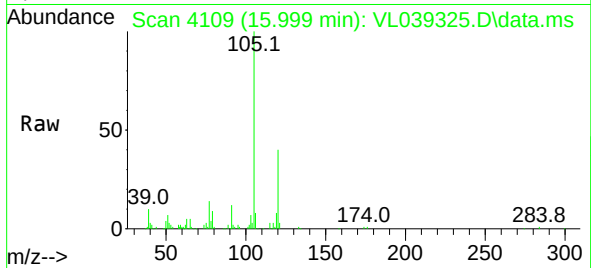
120 39.6 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.432 ppbv

RT: 16.754 min Scan# 4344

Delta R.T. -0.006 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Tgt Ion:105 Resp: 179364

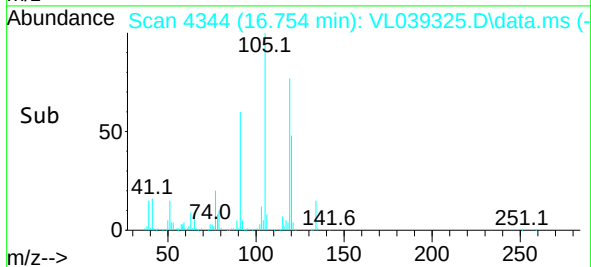
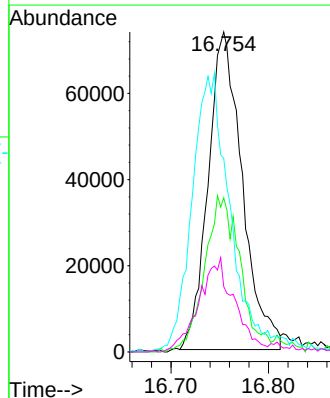
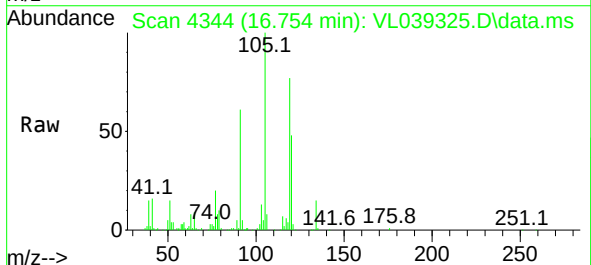
Ion Ratio Lower Upper

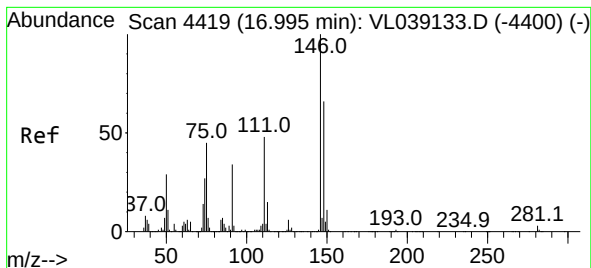
105 100

120 46.4 38.1 57.1

91 55.8 47.4 71.0

77 18.7 19.5 29.3#





#75

1,3-Dichlorobenzene

Concen: 0.457 ppbv

RT: 16.989 min Scan# 4419

Delta R.T. -0.006 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_1

ClientSampleId :

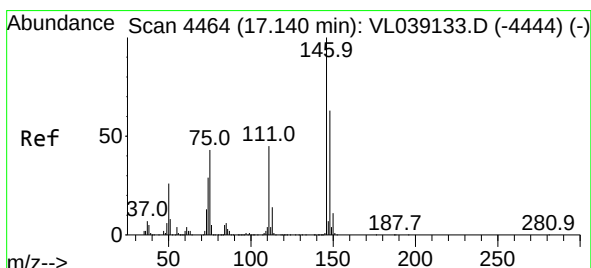
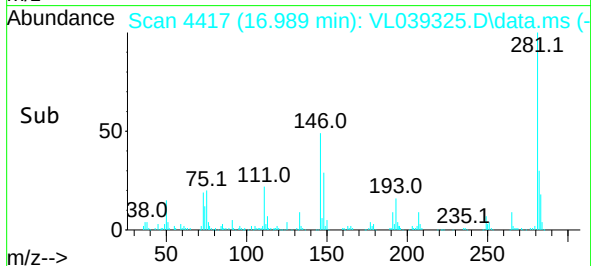
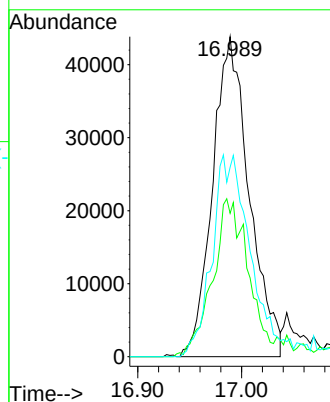
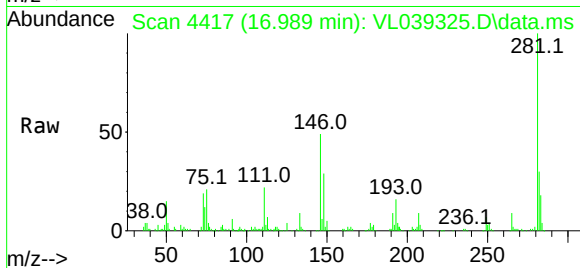
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:146 Resp: 107430
 Ion Ratio Lower Upper
 146 100
 111 51.4 23.8 71.4
 148 65.9 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#76

1,4-Dichlorobenzene

Concen: 0.456 ppbv m

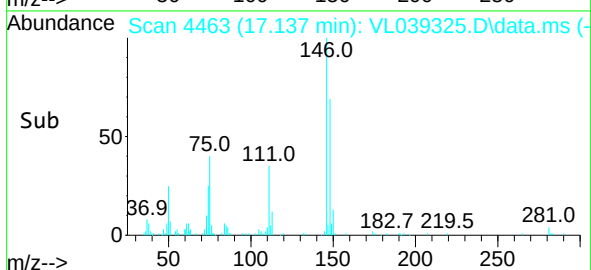
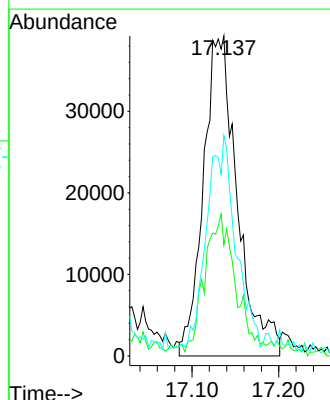
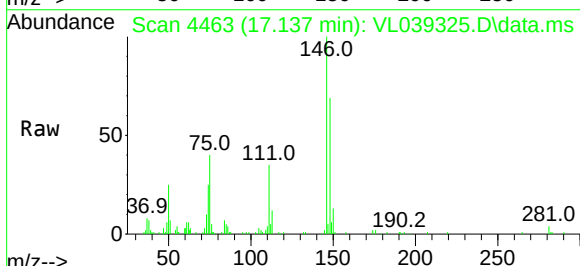
RT: 17.137 min Scan# 4463

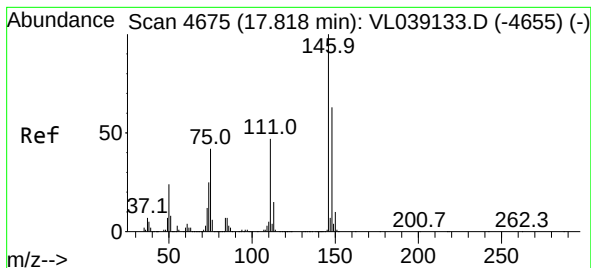
Delta R.T. -0.003 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Tgt Ion:146 Resp: 106826
 Ion Ratio Lower Upper
 146 100
 111 0.0 23.6 71.0#
 148 0.0 33.7 101.0#





#77

1,2-Dichlorobenzene

Concen: 0.441 ppbv m

RT: 17.809 min Scan# 401

Delta R.T. -0.010 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

Instrument :

MSVOA_L

ClientSampleId :

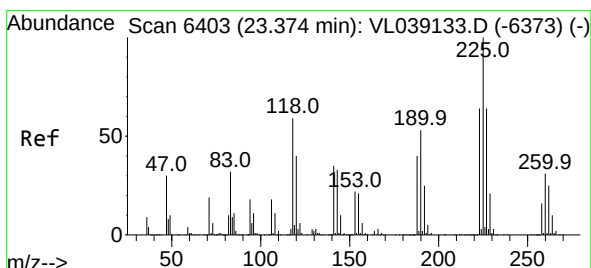
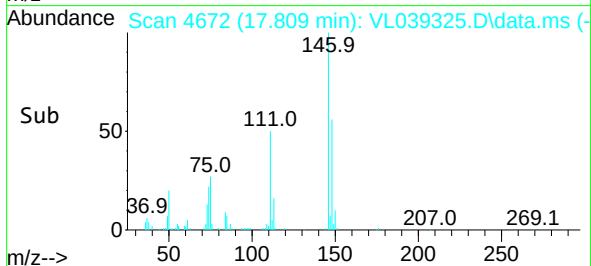
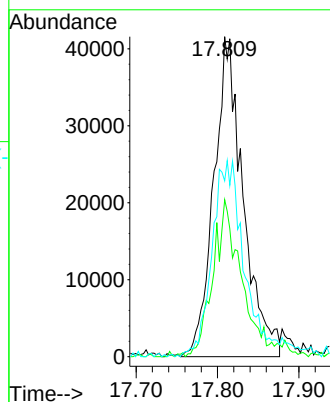
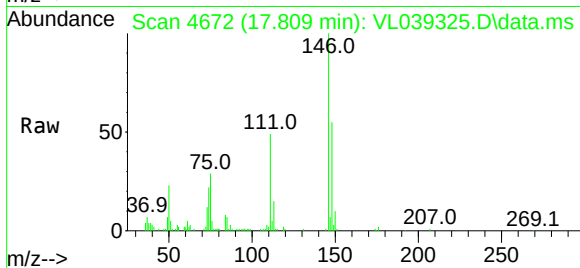
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:	146	Resp:	10431
Ion Ratio	Lower	Upper	
146	100		
111	50.0	24.4	73.4
148	70.3	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.459 ppbv

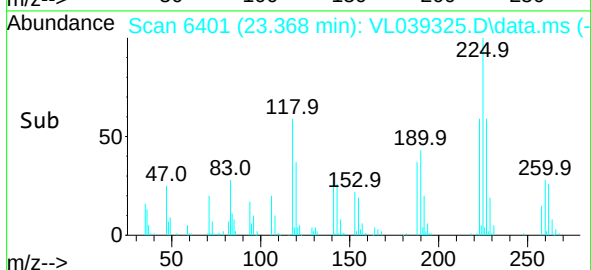
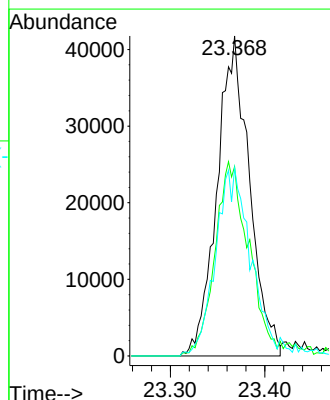
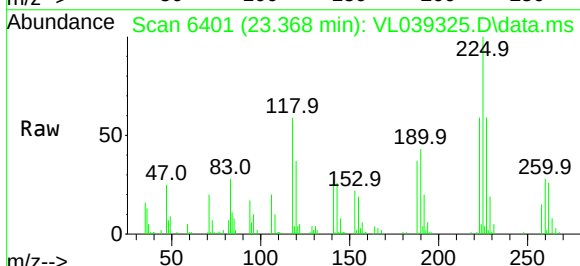
RT: 23.368 min Scan# 6401

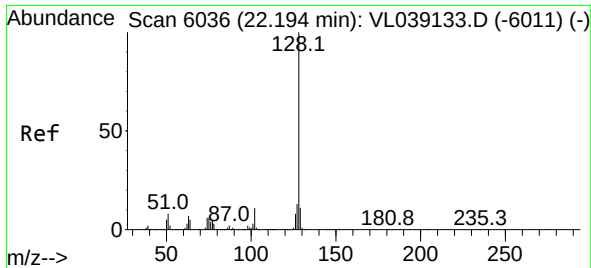
Delta R.T. -0.006 min

Lab File: VL039325.D

Acq: 22 Jun 2022 18:18

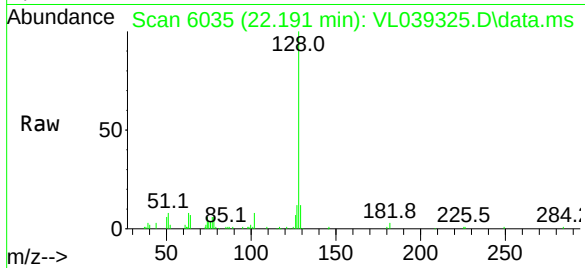
Tgt Ion:	225	Resp:	99294
Ion Ratio	Lower	Upper	
225	100		
223	66.0	51.4	77.0
227	65.3	50.6	75.8





#79
Naphthalene
Concen: 0.322 ppbv m
RT: 22.191 min Scan# 6035
Delta R.T. -0.003 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18

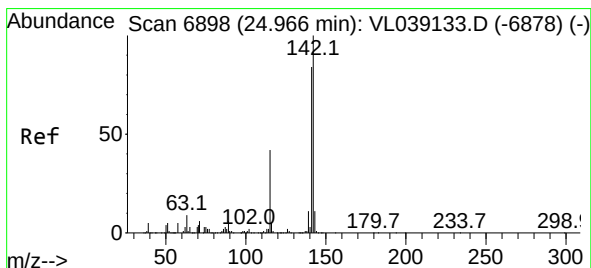
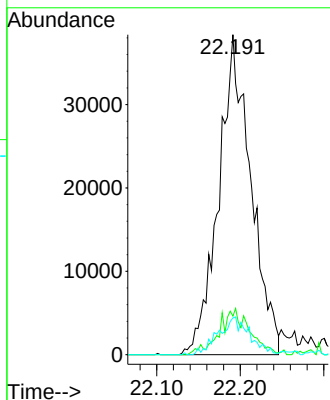
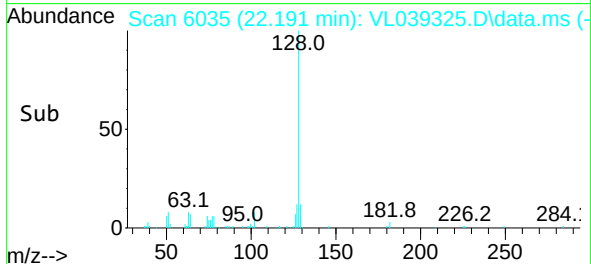
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



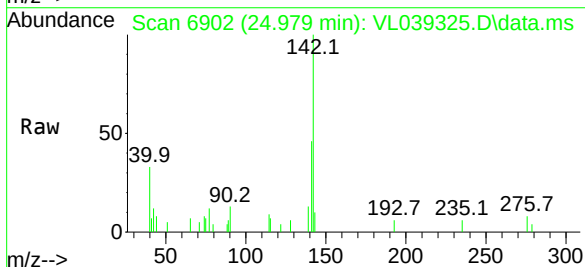
Tgt Ion:128 Resp: 10278
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 11.5 9.0 13.6

Manual Integrations
APPROVED

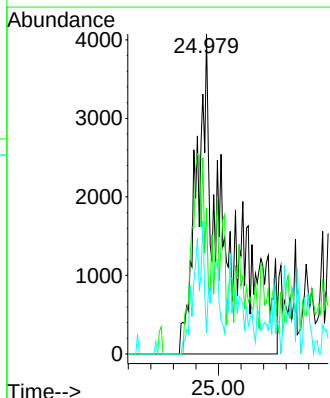
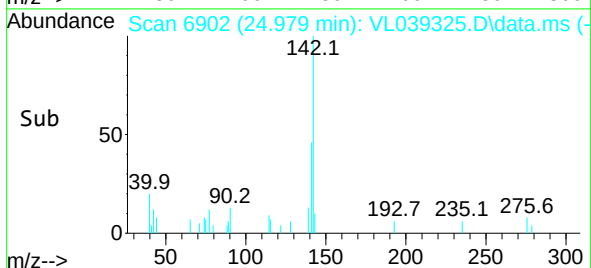
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

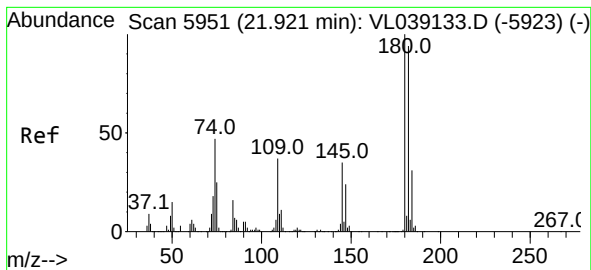


#80
Naphthalene,2-methyl-
Concen: 0.123 ppbv m
RT: 24.979 min Scan# 6902
Delta R.T. 0.013 min
Lab File: VL039325.D
Acq: 22 Jun 2022 18:18



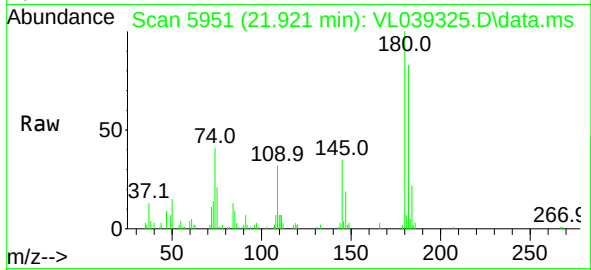
Tgt Ion:142 Resp: 14571
Ion Ratio Lower Upper
142 100
141 29.9 64.6 96.8#
115 15.7 32.7 49.1#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.349 ppbv m
 RT: 21.921 min Scan# 5951
 Delta R.T. 0.000 min
 Lab File: VL039325.D
 Acq: 22 Jun 2022 18:18

Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion:180 Resp: 7061
 Ion Ratio Lower Upper
 180 100
 182 0.0 0.0 0.0
 184 0.0 0.0 0.0

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

